

Risk-free Protein Production Service Packages (*E. coli*)

High Success Rate >95% | Risk-free Guarantee: No Protein, No Charge!

Biomatik has been proudly serving 10,000+ scientists since 2002. In addition to our catalog products, Biomatik has delivered 72,000+ custom-made products to our researchers worldwide. Please view our [Google Review](#), [Selected Citations](#), and 3,000+ publications citing our fine products at [Google Scholar](#).

Risk-free <i>E. coli</i> Protein Packages	Service Contents	Standard Deliverables
<p>#PE2001, Risk-free <i>E. coli</i> Tagged Protein Production Package (from gene synthesis to tagged protein expression & purification)</p> <p>Tag option: His tag or GST tag Purity: 85% /90% /95% Quantity: from milligrams to grams Price: as low as \$1,980</p> <p><i>Optional service: Endotoxin removal <1EU/ug or <0.1EU/ug</i></p>	<p>Phase I: Gene Synthesis & Subcloning</p> <ul style="list-style-type: none"> - Codon optimization and gene synthesis - Sub-cloning into expression vectors - Plasmid preparation <p>Phase II: Protein Expression & Purification</p> <ul style="list-style-type: none"> - Pilot expression optimization - Scale up expression - Purification (affinity purification) - QC by SDS-PAGE & WB 	<p>Tagged protein, guaranteed quantity & purity. Project report with QC data</p> <p><i>Guaranteed Purity & Quantity, or Free of Charge!</i> Estimated Turnaround Time: 7-10 weeks</p>
<p>#PE2002, Risk-free <i>E. coli</i> Tag-free Protein Production Package (from gene synthesis to tag-free protein expression & purification)</p> <p>Tag option: Tag-free (through tag-free production) <i>*Tag-free production process ensures that we can deliver high-quality protein with no trace of the affinity tag. It starts with tag-free expression and is purified by SEC & ion exchange to ensure proper native folding.</i> Purity: 85% /90% Quantity: from milligrams to grams Price: as low as \$3,168</p> <p><i>Optional service: Endotoxin removal <1EU/ug or <0.1EU/ug</i></p>	<p>Phase I: Gene Synthesis & Subcloning</p> <ul style="list-style-type: none"> - Codon optimization and gene synthesis - Sub-cloning into expression vectors - Plasmid preparation <p>Phase II: Protein Expression & Purification</p> <ul style="list-style-type: none"> - Pilot tag-free expression optimization - Scale up tag-free expression - Tag-free purification (SEC and ion exchange) - QC by SDS-PAGE & LC-MS-MS (optional) 	<p>Tag-free protein, guaranteed quantity & purity. Project Report with QC Data</p> <p><i>Guaranteed Purity & Quantity, or Free of Charge!</i> Estimated Turnaround Time: 7-10 weeks</p>
<p>#SA0050, WB Guaranteed Protein Antibody Production Package (from gene synthesis, protein production, and polyclonal antibody production)</p> <p>Antigen: Protein produced by Biomatik Price: as low as \$4,290</p>	<ol style="list-style-type: none"> 1) Gene synthesis & sub-cloning 2) Protein expression & purification from <i>E. coli</i> 3) pAb immunization with 2 rabbits 4) ELISA identification 5) Protein antigen affinity purification 	<p>3-5mg affinity purified antibody; 0.1mg tagged protein, >90%; Project Report with WB & ELISA data.</p> <p>Risk-free Guarantees:</p> <ul style="list-style-type: none"> - No Protein or Antibody, No Charge - WB positive (for target antigen) - ELISA >1:128,000 <p>Estimated Turnaround Time: 4-5 months</p>

Custom Protein Production Service Package (*E. coli*) Notes:

- **High Success Rate >95%. Risk-free Guarantee: No Protein, No Charge!**
- Risk-free Guarantee: No Protein, No Charge! We guarantee to produce the requested protein quantity & purity, or it is free of charge! This risk-free guarantee is applicable to almost all proteins between 10 kDa and 80 kDa.
- Tag-free protein production: Unlike traditional post-production tag removal, our tag-free protein production ensures proper native folding, and no trace of the affinity tag (no tag cleavages), which allows us to deliver high-quality tag-free protein to our customers. It starts with tag-free expression and is purified by SEC & ion exchange to ensure proper native folding.
- If the expressed protein is insoluble (expressed as inclusion body), refolding will be attempted to make it soluble. Protein purity is determined by SDS-PAGE, and quantity is determined by Bradford assay.
- Protein is delivered in freeze powder whenever possible (default buffer before lyophilization: 1x PBS, pH 7.4). If protein is requested or delivered in solution form, the default buffer is: 1 x PBS, 50% Glycerol, pH 7.4.
- Biomatik does not normally accept plasmid supplied by customers unless the plasmid has been proven to give good expression results. Biomatik does not guarantee bioactivity or functionality on custom-made proteins. Biomatik does not guarantee a 100% success rate in protein expression services. For any protein that failed in production due to technical difficulties, the customer may or may not be required to pay the full or partial price - please refer to the quote for details. The customer shall accept and pay for any proteins which have been successfully produced.
- Check out over [17,000 Catalog Proteins](#) Biomatik has to offer.

Customer Testimonials

Biomatik has been trusted among top scientists and researchers from around the world for quality products and custom services since 2002. To date, Biomatik has delivered 70,000+ custom-made products to our customers worldwide. Learn why Biomatik has been trusted by thousands of researchers worldwide by viewing our [customer testimonials](#), [selected publications](#), and 3,000+ publications citing our fine products and services at [Google Scholar](#).

"Our main concern is both of them are hydrophobic with very limited solubility. Biomatik started the protein production process from codon optimization and gene synthesis, the solubility of proteins we got were significantly improved. When we applied these proteins to our ELISA diagnostic assay, they all keep showing highly specific reactivity and very low background. We are very satisfied with the qualities of these proteins. Biomatik run the whole processes very efficiently and we always get our proteins quickly. Their customer support also works well with many helpful professional advices. So we strongly recommend the protein preparation service of Biomatik. Thanks again for your good job."

Dr. Jia, Centers for Disease Control and Prevention, Atlanta, GA, USA

"We are very satisfied with the polypeptide antibodies you produced for us. They work great for both WB and immunostaining (so far we tested)."



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They are very strong and specific (for WB, I can use at 1:5k-10k dilution). Previously we had bad experience with peptide antibodies from other companies. This is the first time we have nice peptide antibodies. In addition, I like your service and time frame. Also your price is reasonable. I think I will continue use your service in the future."

Dr. Hong Han, Dept. of Biology, McGill University, Montreal, Quebec, Canada

I'm very happy with Biomatik because we have had good results with our protein expression. Its service is fast, high-quality and not very expensive compared with other companies.

Dr. Ricardo Godoy, Universidad de La Frontera, Chile