

Peptide Purity Guideline

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Purity of custom peptides plays critical role in the success and integrity of your research projects. We have listed below common peptide applications and recommended purity for your reference.

<p><u>Peptide purity >75%, preferably >85%</u> Immunological applications Antibody production Non-sensitive screening ELISA standard for measuring antibody titer</p>	<p><u>Peptide purity: >90%</u> Non-quantitative enzyme-substrate studies Phosphorylation assays Non-quantitative peptide blocking studies Affinity purification Coating tissue culture plates for cell attachment</p>
<p><u>Peptide purity: >95%</u> In-vitro bioassays SAR studies Enzymology Quantitative ligand-receptor interaction research Quantitative blocking assays Quantitative ELISA standards</p>	<p><u>Peptide Purity >98%</u> Active pharmaceutical ingredients Clinical trials Crystallography NMR Sensitive Bioassay</p>

* Standard delivery of peptide is in TFA salt form. For cell research, consider having peptides produced in acetate salt form at 98% or higher.

* Biomatik's peptides are provided solely for laboratory research use only.