

## Trypsin-2 Human Recombinant

<b>Item Number</b>	rAP-4994
<b>Synonyms</b>	
<b>Description</b>	Recombinant Human Trypsin-2 expressed in E.Coli having an Mw of 24kDa is purified by standard chromatography techniques.&nbsp;
<b>Uniprot Accesion Number</b>	P07478
<b>Amino Acid Sequence</b>	
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered lyophilized powder. Recombinant Human Trypsin although stable at room temp for 1 week, should be stored desiccated below -18&deg;C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
<b>Formulation and Purity</b>	The protein was lyophilized without any additives. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	Trypsin digestion: the suggested ratio is 1:50 to 1:1000 (w/w).
<b>Solubility</b>	It is recommended to reconstitute the lyophilized Human Trypsin in sterile 1mM HCl or 50mM HAC not less than 100&micro;g/ml, which can then be further diluted to other aqueous solutions.
<b>Biological Activity</b>	2,800 units/mg.
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**