

## Protease Serine 3 Human Recombinant

<b>Item Number</b>	rAP-1605
<b>Synonyms</b>	Protease Serine 3 (Mesotrypsin), Protease Serine 4 (Trypsin 4, Brain), Brain Trypsinogen, Mesotrypsinogen, Trypsin III, Trypsinogen IV, Trypsinogen 5, Pancreatic Trypsinogen III, MTG, TRY3, PRSS4, T9, EC 3.4.21.
<b>Description</b>	PRSS3 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 247 amino acids (81-304) and having a molecular mass of 26.0kDa. PRSS3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P35030
<b>Amino Acid Sequence</b>	MGSSHHHHH SSGLVPRGSH MGSIVGGYTC EENSLPYQVS LNSGSHFCGG SLISEQWVVS AAHCYK- TRIQ VRLGEHNIKV LEGNEQFINA AKIIRHPKYN RDTLDNDIML IKLSSPAVIN ARVSTISLPT AP- PAAGTECL ISGWGNTLSF GADYPDELKC LDAPVLTQAE CKASYPGKIT NSMFCVGFLE GGDSCQRDS GGPVVCNGQL QGVVSWGHC AWKNRPGVYT KVYNYVDWIK DTIAANS
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The PRSS3 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<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**