

## Tryptase Alpha/Beta 1 Human Recombinant

<b>Item Number</b>	rAP-1412
<b>Synonyms</b>	Tryptase Alpha/Beta 1, Tryptase Alpha II, Tryptase Beta-1, Tryptase Alpha-1, Tryptase Alpha/Beta-1, Tryptase-I, TPS1, TPS2, TPSB1, Tryptase-III, Mast Cell Alpha II Tryptase, Mast Cell Beta I Tryptase, EC 3.4.21.59.
<b>Description</b>	TPSAB1 Human Recombinant produced in E. coli is a single polypeptide chain containing 270 amino acids (31-275) and having a molecular mass of 30.1 kDa. TPSAB1 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q15661
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSHMIVGGQ EAPRSKWPWQ VSLRVHGPYW MHFCGGSLIH PQWVLTAHC VGPDKDLAA LRVQLREQHL YYQDQLLPVS RIIVHPQFYT AQIGADIALI ELEEPVNVSS HVHTVTLPPA SETFPPGMPC WVTGWGDVDN DERLPPPFPL KQVKVPIEM HICDAKYHLG AY- TGDDVRIV RDDMLCAGNT RRDSCQGDG GPLVCKVNGT WLQAGVSWG EGCAQPNRPG IYTRVTYYLD WIHHYVPKKP.
<b>Source</b>	E.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 TPSAB1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 85% 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**