

Protease Serine 7 Human Recombinant

Item Number	rAP-1607
Synonyms	PRSS7, ENTK, Protease, Serine, 7 (Enterokinase), Transmembrane Protease, Serine 15, Serine Protease 7, Enteropeptidase, EC 3.4.21.9, Transmembrane Protease Serine 15, Enterokinase Catalytic Subunit, Proenterokinase, Enterokinase, EC 3.4.21.
Description	PRSS7 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 237 amino acids (785-1019 a.a.) and having a molecular mass of 26.4kDa. The PRSS7 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P98073
Amino Acid Sequence	MAIVGGSNAK EGAWPWVVGL YYGGRLLCGA SLVSSDWLVS AAHCYVGRNL EPSKWTAILG LHMK-SNLTSP QTVPRLIDEI VINPHYNRRR KDNDIAMMHL EFKVNYTDYI QPICLPEENQ VFPPGRNCIS AG-WGTVVYQG TTANILQEAD VPLLSNERCQ QQMPEYNITE NMICAGYEEG GIDSCQGDSG GPLMCQENNR WFLAGVTSFG YKCALPNRPG VYARVSRFTE WIQSFLH
Source	Escherichia Coli.
Physical Appearance and Stability	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.
Formulation and Purity	The PRSS7 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0) and 10% glycerol. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**