

## 32-6902: PRSS7 Human

**Alternative Name :** 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

Source: Escherichia Coli.

Sterile filtered colorless solution.

Protease Serine 7, also known as PRSS7, is in charge of initiating the activation of pancreatic proteolytic proenzymes such as trypsin, chymotrypsin and carboxypeptidase A. PRSS7 catalyzes the conversion of trypsinogen to trypsin which in turn activates other proenzymes including chymotrypsinogen, procarboxypeptidases, as well as proelastases.

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.

### Product Info

**Amount :** 5 µg / 20 µg  
**Purification :** Greater than 85% as determined by SDS-PAGE.  
**Content :** The PRSS7 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0) and 10% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks.  
**Amino Acid :** MAIVGGSNAK EGAWPWVVGL YYGGRLLCGA SLVSSDWLVS AAHCVYGRNL EPSKWTAILG  
LHMKSNTSP QTVPRIDEI VINPHYNRRR KDNDIAMMHL EFKVNYTDYI QPICLPEENQ VFPPGRNCSI  
AGWGTVVYQG TTANILQEAD VPLLSNERCQ QOMPEYNITE NMICAGYEEG GIDSCQGDSG  
GPLMCQENNR WFLAGVTSFG YKCALPNRPG VYARVSRFTE WIQSFLH