

**PRSS7, 785-10199aa, Human, E.coli**

**Cat.NO.: TP03552**

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3th Edition

**Synonyms:**Enterpeptidase, ENTK

**Description:**PRSS7 also known as Enterpeptidase. This protein is responsible for initiating activation of pancreatic proteolytic proenzymes (trypsin, chymotrypsin and carboxypeptidase A). It catalyzes the conversion of trypsinogen to trypsin which in turn activates other proenzymes including chymotrypsinogen, procarboxypeptidases, and proelastases. Recombinant human PRSS7, was expressed in E.coli.

**Form:**Liquid, In 20mM Tris-HCl (pH8.0) containing 10% glycerol

**Molecular Weight:**26.4kDa (237aa)

**Sequences:**

MAIVGGSNAKEGAWPWWVGLYYGGRLLCGASLVSSDWLVSAAHCVYGRNLEPSKWTAILGLHMKSNLTSPQTVP  
RLIDEIVINPHYNRRRKDNDIAMMHLEFKVNYTDYIQPICLPEENQVFPPGRNCSIAGWGTVVYQGTTANILQEADVP  
LLSNERCQQQMPEYNITENMICAGYEEGGIDSCQGDSGGPLMCQENNRWFLAGVTSFGYKCALPNRPGVYARVS  
RFTEWIQSFLH

**Purity:**> 95% by HPLC

**Concentration:**1mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.