
Product Data Sheet

Product Name: PRSS7 Human
 Cat. No.: GP22167
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Amino Acid Sequence	MAIVGGSNAK EGAWPWVGL YGGRLLCGA SLVSSDWLVS AAHCVYGRNL EPSKWTAILG LHMKSNTLSP QTVPRLIDEI VINPHYNRRR KDNDIAMMHL EFKVNYTDYI QPICLPEENQ VFPPGRNCSI AGWGTVVYQG TTANILQEAD VPLLSNERCQ QQMPEYNITE NMICAGYEEG GIDSCQGDSG GPLMCQENNR WFLAGVTSFG YKCALPNRPG VYARVSRFTE WIQSFLH		
Formulation	The PRSS7 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0) and 10% glycerol.		

Introduction

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.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA
