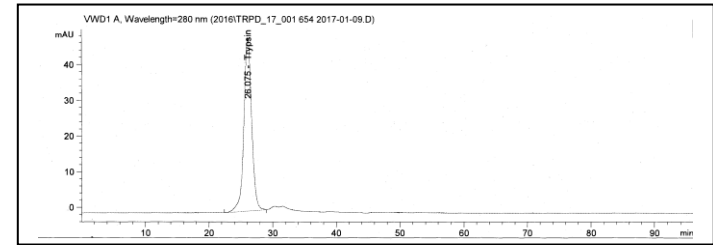


Trypsin, Recombinant, Proteomics grade

CATALOG NO:	P1228-1000	1 mg
	P1228-5000	(5 X 1 mg)
	P1228-10000	10 mg
ALTERNATE NAMES:	Beta-trypsin, Cationic trypsinogen, Serine protease 1, Trypsin I, PRSS1, TRP1, TRY1, TRYP1	
SOURCE:	<i>Pichia pastoris</i>	
PURITY:	>98% by HPLC. Free of contaminating proteases such as Carboxypeptidase A and B and Chymotrypsin	
MOL. WEIGHT:	23.4 kDa	
FORM:	Lyophilized	
FORMULATION:	Lyophilized in Calcium chloride and HCl	
RECONSTITUTION:	Reconstitute in water.	
STORAGE CONDITIONS:	Store at 4°C. Once reconstituted store at -20°C. For long term storage prepare aliquots and store at -20°C. Avoid repeated freeze-thaw cycles.	
DESCRIPTION:	Trypsin hydrolyzes peptides, amides, and ester bonds involving the carboxyl groups of L-arginine or L-lysine. Increased serum values of this enzyme and/or its zymogen (trypsinogen) have been found in patients with cystic fibrosis. Trypsinogen has three isoforms: cationic (trypsinogen 1), anionic (trypsinogen 2, MW - 22.5 kDa), and mesotrypsinogen (trypsinogen 3, MW - 25 kDa).	
SPECIFIC ACTIVITY:	> 3800 USP Units/mg	



The purity of recombinant Trypsin was greater than 98% as determined by HPLC.

RELATED PRODUCTS:

- Trypsin Activity Colorimetric Assay Kit (**Cat. No. K771-100**)
- Alpha 1 Antichymotrypsin, Human Plasma (**Cat. No. 7293-1000**)
- Alpha 1 Antitrypsin, Human Plasma (**Cat. No. 7294-100**)
- Trypsin, Human Pancreas (**Cat. No. 7292-100**)

FOR RESEARCH USE ONLY! Not to be used on humans.