

Cela1

Native Rat Pancreatic Elastase

Catalog No.	CRP264B CRP264C	Quantity:	100 µg 500 µg
Alternate Names:	Ela1, ELAI1, RATELAI1, chymotrypsin-like elastase family, member 1		
Description:	Chromatographically prepared from the euglobin fraction of pancreas by the method of Lewis et al., then twice crystallized. <i>Lewis, U.J. et al. (1956) J. Biol. Chem. 22:705</i>		
UniProt ID:	P00773		
Gene ID:	24331		
Source:	Rat pancreas		
Molecular Weight:	25.7 kDa		
Formulation:	Lyophilized from a salt free buffer, without preservative.		
Purity:	>95% by SDS-PAGE analysis		
Endotoxin Level:	$E^{0.1\%}_{280nm} = 0.985$		
Assay:	5-10 ug in 0.1M Tris pH 8.8 at 37 C containing 0.2 mM Succinyl-Ala-Ala-Ala p-Nitroanilide,		
Specific Activity:	2.0 U/mg, defined as 1 unit will hydrolyze 1 µmole of Suc-Ala-Ala-Ala-pNA per minute at pH 8.8 and 37°C.		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute with 0.05 M Na Acetate 0.2 M NaCl, pH 5.0 to 1 mg/ml or desired concentration, aliquot and freeze remaining portion.		
Storage & Stability:	Stable for up to 1 year at 2-8°C and does not contain trypsin or chymotrypsin. Store reconstituted protein in working aliquots at -80°C. Avoid repeated freeze-thaw cycles.		

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