

Cela1

Native Mouse Pancreatic Elastase

Catalog No.	CRP263B CRP263C	Quantity:	100 µg 1 mg
Alternate Names:	Chymotrypsin-like elastase family member 1		
Description:	Mouse Pancreatic Elastase was chromatographically prepared from the euglobin fraction of pancreas by the method of Lewis et al. then twice crystallized. Product does not contain trypsin or chymotrypsin. <i>Lewis, U.J. et al. (1956) J. Biol. Chem. 22:705</i>		
UniProt ID:	Q91X79		
Gene ID:	109901		
Source:	Mouse pancreas		
Molecular Weight:	28.0 kDa		
Formulation:	Lyophilized from a salt free buffer with 0.01% sodium azide.		
Purity:	>95% by SDS-PAGE analysis		
Extinction Coefficient:	$E^{0.1\%}_{280nm} = 0.985$		
Specific Activity:	Typically 3.5 units/mg of protein. One unit will hydrolyze 1µmole of Suc-(Al)3-pNA per minute at pH 8.8 at 37°C		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute with 0.05M Na Acetate 0.1M NaCl pH 5.0 to 0.1 -1 mg/ml.		
Storage & Stability:	Store as supplied for up to 1 year at 2-8°C. Store reconstituted protein in working aliquots at -80°C. Avoid repeated freeze-thaw cycles.		

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