

CTSH

Native Human Liver Cathepsin H

Catalog No.	CSI19794A CSI19794B	Quantity:	25 µg 100 µg
Alternate Names:	ACC-4, ACC-5, CPSB, aleurain, cathepsin B3, cathepsin BA		
Description:	Native Human Liver Cathepsin H		
Concentration:	1.0 mg/ml		
Gene ID:	1512		
Source:	Human liver		
Molecular Weight:	28 kDa		
Formulation:	Frozen liquid in a buffer of 0.02 M Sodium Acetate + 0.1 M NaCl + 1 mM EDTA, pH 4.5.		
Purity:	>95% by SDS-PAGE		
Specific Activity:	≥ 1 unit per mg protein. One unit is defined as the amount of enzyme that hydrolyzes one µmole of L-arginine-beta-naphthylamide per minute at 40°C using 75 mM potassium phosphate, pH 6.8, with 1 mM EDTA and 3 mM cysteine as the activation buffer.		
Storage & Stability:	Product is stable at -80°C for 3 years.		
Background:	A more basic protein than Cathepsin B or L. Functions as both an aminopeptidase and endopeptidase. Cathepsin H, like cathepsin L and B, is involved in the catabolism of proteins in the lysosomal system.		
Certification:	Prepared from tissue shown to be non reactive for HbsAG, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.		

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