

CTSB

Native Human Cathepsin B Liver Active

Catalog No.	CSI13567	Quantity:	25 µg
Alternate Names:	APPS, CPSB, APP secretase, amyloid precursor protein secretase, cathepsin B1, cysteine protease, preprocathepsin B		
Description:	Purified native Human Cathepsin B protein - Cathepsin B is an enzymatic protein belonging to the peptidase (or protease) families. In humans, it is coded by the CTSB gene.		
Concentration:	Batch dependent - please inquire should you have specific requirements		
Gene ID:	1508		
Source:	Human liver		
Molecular Weight:	27.5 kDa		
Formulation:	50mM CH ₃ COONa, pH 5.0 with 1 mM EDTA.		
Purity:	> 98% pure by SDS PAGE		
Biological Activity:	200 units/mg - One unit of activity is defined as the amount of enzyme which hydrolyzes one uMole of Z-Arg-Arg-beta NA per minute at 40° C pH 6.0, in the presence of DTT.		
Storage & Stability:	Aliquot and store at -70 °C or lower. Avoid repeated freeze/thaw cycles.		
Biohazard Information:	Donor samples were tested and found to be negative for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2. Nonetheless caution should be used when handling this material as there is a margin of error in all tests.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

