

## Cathepsin-L Human Recombinant

<b>Item Number</b>	rAP-0880
<b>Synonyms</b>	Cathepsin L, CTS1, Cathepsin L1, Major Excreted Protein, MEP, EC 3.4.22.15, CATL, EC 3.4.22.
<b>Description</b>	CTSL Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 339 amino acids (18-333 a.a) and having a molecular mass of 38.3kDa. CTS1 is fused to a 23 amino acid His-tag at N-terminus
<b>Uniprot Accesion Number</b>	P07711
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSTLTFDHS LEAQWTKWKA MHNRRLYGMNE EGWRRAVWEK NMK-MIELHNQ EYREGKHSFT MAMNAFGDMT SEEFRQVMNG FQNRKPRKGK VFQEPLFYEA PRSVDWREKG YVTPVKNQGQ CGSCWAFSAT GALEGQMFRK TGRLISLSEQ NLVDCSGPQG NEGCNGGLMD YAFQYVQDNG GLDSEESYPY EATEESCKYN PKYSVANDTG FVDIPKQEKA LMKA-VATVGP ISVAIDAGHE SFLFYKEGIY FEPDCSSEDM DHGVLVVGYF FESTESDNNK YWLVKNSWGE
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.
<b>Formulation and Purity</b>	CTSL protein solution (1mg/ml) containing 20mM Tris-HCl (pH 8.0) and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**