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## Product Datasheet

### Recombinant Human Cathepsin L Protein ABB-RP02825

Article Name	Recombinant Human Cathepsin L Protein
Biozol Catalog Number	ABB-RP02825
Supplier Catalog Number	RP02825
Alternative Catalog Number	ABB-RP02825-50UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Thr18-Val333
Product Description	Cathepsin L is a lysosomal cysteine protease that plays a major role in intracellular protein catabolism, and is potent in degrading collagen, laminin, elastin, as well as alpha-1 protease inhibitor and other structural proteins of basement membranes...
Concentration	< 1 EU/μg of the protein by LAL method.
Molecular Weight	37.3 kDa
Tag	C-His
NCBI	<a href="#">1514</a>
UniProt	<a href="#">P07711</a>
Source	HEK293 Cells

Purity	90 % as determined by SDS-PAGE.
Form	Lyophilized from a 0.22 µm filtered solution of 50 mM NaAc, 100 mM NaCl, pH 7.5.
Sequence	TLTFDHSLEAQWTKWKAMHNRLYGMNEEGWRRRAVWEKNMKMIELHNQEY REGKHSFTMAMNAFGDMTSEEFQVMNGFQNRKPRKGKVFQEPLFYEA PRSV VDWREKGYVTPVKNQGQCGSCWAFSATGALEGQMFRKTGRLISLSEQNLVD CSGPQGNEGCNGGLMDYAFQYVQDNGGLDSEESYPYEATEESCKYNPKYSV ANDTGFVDIPKQEKALMKAVATVGPISVAIDAGHESFLFYKEGIYFEPDCSSE
Target	Cathepsin L
Application Dilute	Lyophilized from a 0.22 µm filtered solution of 50 mM NaAc, 100 mM NaCl, pH 7.5.
Application Notes	Cross-Reactivity: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles., Research Area: Other Recombinant Protein