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## Product Datasheet

### Recombinant Human Cathepsin B Protein ABB-RP02824

Article Name	Recombinant Human Cathepsin B Protein
Biozol Catalog Number	ABB-RP02824
Supplier Catalog Number	RP02824
Alternative Catalog Number	ABB-RP02824-20UG, ABB-RP02824-10UG, ABB-RP02824-50UG, ABB-RP02824-100UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Arg18-Ile339
Product Description	Cathepsin B is a papain-family cysteine protease that is normally located in lysosomes, where it is involved in the turnover of proteins and plays various roles in maintaining the normal metabolism of cells. This protease has been implicated in patho...
Concentration	< 0.1 EU/μg of the protein by LAL method.
Molecular Weight	36.74 kDa
Tag	C-His
NCBI	<a href="#">1508</a>
UniProt	<a href="#">P07858</a>
Source	HEK293 Cells

Purity	95 % as determined by SDS-PAGE.
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Sequence	RSRPSFHPLSDELVNYVNKRNTTWQAGHNFYNVDMSYLKRLCGTFLGGPKPP QRVMFTEDLKLPASFDAREQWPQCPTIKEIRDQGSCGSCWAFGAVEAISDRIC IHTNAHVSVEVSAEDLLTCCGSMCGDGCNGGYPAEAWNFWTRKGLVSGGLY ESHVGCRPYSIPPCEHHVNGSRPPCTGEGDTPKCSKICEPGYSPTYKQDKHYG YNSYSVSNSEKDIMAEIYKNGPVEGAFSVYSDFLLYKSGVYQHVTG
Target	Cathepsin B
Application Dilute	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
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