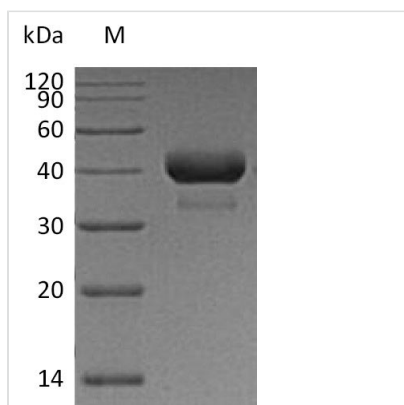




Recombinant Human Cathepsin B (CTSB), partial (Active)

Product Code	CSB-AP005381HU
Uniprot No.	P07858
Form	Liquid
Storage Buffer	0.2 μ m filtered 20 mM Tris-HCl, 150 mM NaCl, pH 8.0
Product Type	Other
Immunogen Species	Homo sapiens (Human)
Biological Activity	Specific activity as determined by its ability to cleave the fluorogenic peptide substrate Z-LR-AMC is greater than 3000 pmol/min/ug
Purity	Greater than 95% as determined by SDS-PAGE.
Sequence	RSRPSFHPLSDELVNYVNKRNTTWQAGHNFYNVDMSYLKRLCGTFLGGPKPP QRVMFTEDLKLPAFDAREQWPQCPTIKEIRDQGSCGSCWAFGAVEAISDRIC IHTNAHVSVEVSAEDLLTCCGSMCGDGCNGGYPAEAWNFWTRKGLVSGGLY ESHVGCRPYSIPPCEHHVNGSRPPCTGEGDTPKCSKICEPGYSPTYKQDKHY GYNSYSVSNSEKDIMAEIYKNGPVEGAFSVYSDFLLYKSGVYQHVTGEMMG HAIRILGWGVENGTPTYWLVANSWNTDWGDNGFFKILRGQDHCGIESEVVAGI PRTDQYWEKI
Research Area	Cancer
Source	Mammalian cell
Target Names	CTSB
Expression Region	18-339aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 6xHis-tagged
Mol. Weight	36.9 kDa
Protein Length	Partial

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Endotoxin

Less than 1.0 EU/μg as determined by LAL method.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.