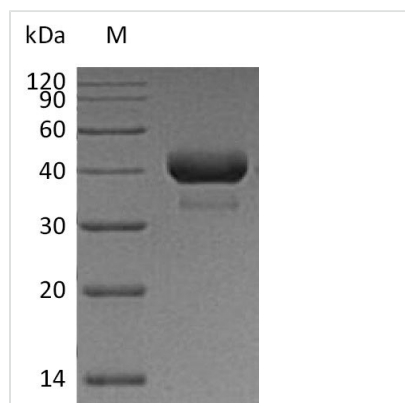




# Recombinant Human Cathepsin B (CTSB), partial (Active)

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

## Image



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



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**Endotoxin**

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

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**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.