

## Recombinant Human CTSB protein, His-tagged

Cat. No. CTSB-5644H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CTSB protein(P07858)(18-339aa), fused with C-terminal His tag, was expressed in Yeast.
<b>Species</b>	Human
<b>Source</b>	Yeast
<b>ProteinLength</b>	18-339aa
<b>Tag</b>	C-His
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	37.9 kDa
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final

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concentration) and aliquot for long-term storage at -20°C/-80°C.

**AA Sequence**

RSRPSFHPLSDELVNYVVKRNTTWQAGHNFYNVDMSYLKRLCGTFLGGPKPPQRV  
MFTEDLKLPAFDAREQWPQCPTIKEIRDQGSCGSCWAFGAVEAISDRICHTNAHV  
SVEVSAEDLLTCCGSMCGDGCNGGYPAEAWNFWTRKGLVSGGLYESHVGCPRYS  
IPPCEHHVNGSRPPCTGEGDTPKCSKICEPGYSPTYKQDKHYGYNSYSVSNSEKDI  
MAEIYKNGPVEGAFSVYSDFLLYKSGVYQHVTGEMMGHAIKILGWGVENGTPYWL  
VANSWNTDWGDNGFFKILRGQDHCGIESEVVAGIPRTDQYWEKI

## GENE INFORMATION

**Gene Name** [CTSB cathepsin B \[ Homo sapiens \]](#)

**Official Symbol** [CTSB](#)

**Synonyms** CTSB; cathepsin B; cathepsin B1; APP secretase; cysteine protease; amyloid precursor protein secretase; APPS; CPSB;

**Gene ID** [1508](#)

**mRNA Refseq** [NM\\_001908](#)

**Protein Refseq** [NP\\_001899](#)

**MIM** [116810](#)

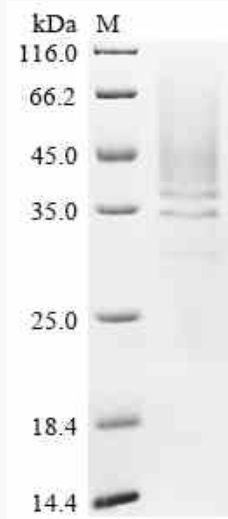
**UniProt ID** [P07858](#)

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**SDS-PAGE**



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