

Recombinant Human CTSB protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CTSB protein(P07858)(18-339aa), fused with C-terminal His tag, was expressed in Yeast.
Species	Human
Source	Yeast
ProteinLength	18-339aa
Tag	C-His
Form	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.
Molecular Mass	37.9 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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

RSRPSFHPLSDELVNYVNKRNTTWQAGHNFYNVDMSYLRKLCGTFLGGPKPPQRV
MFTEDLKLPASFDAREQWPQCPTIKEIRDQGSCGSCWAFGAVEAISDRICIHTNAHV
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

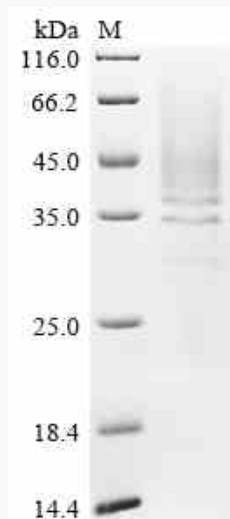
MIM 116810

UniProt ID P07858

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SDS-PAGE

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