

Recombinant Human CTSB protein

Cat. No. CTSB-5252H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CTSB protein(P07858)(82-333aa) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	82-333aa
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	27.7 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 concentration) and aliquot for long-term storage at -20°C/-80°C.
AA Sequence	ASFDAREQWPQCPTIKEIRDQGSCGSCWAFGAVEAISDRICIHTNAHVSVEVSAEDL

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LTCCGSMCGDGCNGGYPAEAWNFWTRKGLVSGGLYESHVGCPRYSIPPCEHHVN
 GSRPPCTGEGDTPKCSKICEPGYSPTYKQDKHYGYNSYSVSNSEKDIMAEIYKNGP
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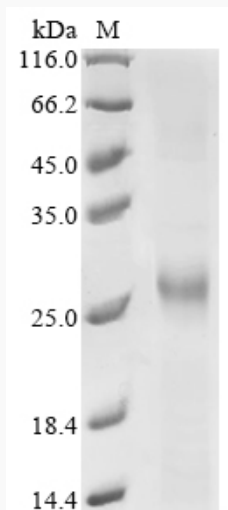
GENE INFORMATION

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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