

Recombinant Human CTSD protein, His-tagged

Cat. No. CTSD-4669H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CTSD protein(P07339)(21-412 aa), fused with C-terminal His tag, was expressed in Yeast.
Species	Human
Source	Yeast
ProteinLength	21-412 aa
Form	For liquid formulations, the standard storage buffer consists of a Tris or PBS based solution supplemented with 5-50% glycerol. When provided as lyophilized powder, the product undergoes freeze-drying from a Tris- or PBS-based formulation containing 6% trehalose, adjusted to pH 8.0 prior to the lyophilization process.
Molecular Mass	44.6 kDa
AASequence	LVRIP LHKFTSIRRTMSEVGGSVEDLIAKGPVSKYSQAVPAVTEGPIPEVLKNYMDAQ YYGEIGIGTPPQCFTVVFD TGSSNLWVPSIHCKLLDIACWIIHHKYNSDKSSTYVKNGT SFDIHYGSGSLSGYLSQDTVSVPCQSASSASALGGVKVERQVFGEATKQPGITFIAA KFDGILGMAYPRISVNNVLPVFDNLMQQLVDQNIFSFYLSRDPDAQPGGELMLGGT DSKYYYKGSLSYLVNTRKAYWQVHLDQVEVASGLTLCKEGCEAIVDTGTSLMVG PVD EVRELQKAIGAVPLIQGEYMIPCEKVSTLPAILTKLGGKGYKLSPEDYTLKVSQAGKT LCLSGFMGMDIPPPSGPLWILGDVFIGRYYTVFDRDNNRVGF AEAARL
Purity	Greater than 95% as determined by SDS-PAGE.

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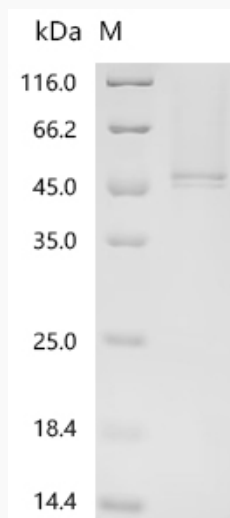
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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein indeionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C.
GENE INFORMATION	
Gene Name	CTSD cathepsin D [Homo sapiens]
Official Symbol	CTSD
Synonyms	CTSD; cathepsin D; cathepsin D (lysosomal aspartyl protease) , CPSD; ceroid lipofuscinosis; neuronal 10; CLN10; lysosomal aspartyl protease; lysosomal aspartyl peptidase; ceroid-lipofuscinosis, neuronal 10; CPSD; MGC2311;
Gene ID	1509
mRNA Refseq	NM_001909
Protein Refseq	NP_001900
MIM	116840
UniProt ID	P07339

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SDS-PAGE

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