

Recombinant Mouse CtSD, His tagged

Cat. No. CtSD-280M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CtSD precursor (Met 1-Leu 410) (NP_034113.1), fused with a polyhistidine tag at the C-terminus, was produced in Human Cell.
Species	Mouse
Source	Human Cells
Protein Length	1-410 a.a.
Form	Lyophilized from sterile PBS, pH 7.4
Molecular Mass	The secreted recombinant mouse CTSD pro form consists of 401 amino acids and has a predicted molecular mass of 44.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmCTSD is approximately 48 kDa due to glycosylation.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	Ctsd cathepsin D [Mus musculus]
Official Symbol	Ctsd
Gene ID	13033
mRNA Refseq	NM_009983
Protein Refseq	NP_034113

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