

Active Recombinant Mouse Ctsb protein, His-tagged

Cat. No. Ctsb-415M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ctsb protein(His18-Phe339), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	18-339 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate Z-LR-AMC. The specific activity is >2,000 pmoles/min/µg.
Molecular Mass	36.6 kDa
Endotoxin	< 1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Reconstitution	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL

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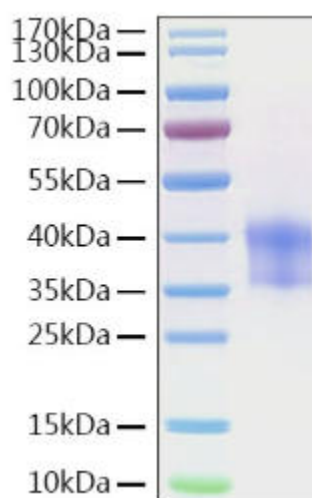
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in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

Gene Name	Ctsb cathepsin B [<i>Mus musculus</i>]
Official Symbol	Ctsb
Synonyms	CTSB; cathepsin B; cathepsin B1; CB;
Gene ID	13030
mRNA Refseq	NM_007798
Protein Refseq	NP_031824

SDS-PAGE



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