

## Recombinant Mouse Ctse protein, His-tagged

**Cat. No.** Ctse-912M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Ctse protein(NP_031825.2)(Met1-Pro397), fused with His tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-397 a.a.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
<b>Molecular Mass</b>	The secreted recombinant mouse CTSE (pro form) consists of 390 amino acids and has a predicted molecular mass of 42.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmCTSE is approximately 45-48 kDa due to glycosylation.
<b>Proteinlength</b>	Met1-Pro397
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 97 % as determined by SDS-PAGE

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**Storage** Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. 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 of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [Ctse cathepsin E \[ Mus musculus \]](#)

**Official Symbol** [Ctse](#)

**Synonyms** CTSE; cathepsin E; CE; CatE; A430072O03Rik; C920004C08Rik;

**Gene ID** [13034](#)

**mRNA Refseq** [NM\\_007799](#)

**Protein Refseq** [NP\\_031825](#)

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