Recombinant Mouse Ctse protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Ctse protein(NP_031825.2)(Met1-Pro397), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-397 a.a.
Form	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.
Molecular Mass	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.
Proteinlength	Met1-Pro397
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 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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