

Recombinant Mouse Ctsh, His-tagged

Cat. No. Ctsh-481M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the mouse CTSH (AAA82966.1) (Ala21-Val333) was expressed with a C-terminal polyhistidine tag.
Species	Mouse
Source	Human Cells
ProteinLength	Ala21-Val333
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant mouse CTSH comprises 324 amino acids and has a predicted molecular mass of 36.6 kDa. The apparent molecular mass of the protein is approximately 42 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C
Storage	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Hardcopy of COA with reconstitution instruction is sent along with the products.

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GENE INFORMATION

Gene Name	Ctsh cathepsin H [Mus musculus]
Official Symbol	Ctsh
Synonyms	CTSH; cathepsin H; pro-cathepsin H; Cat H; cathepsin B3; cathepsin BA; AL022844;
Gene ID	13036
mRNA Refseq	NM_007801
Protein Refseq	NP_031827
Pathway	Lysosome, organism-specific biosystem; Lysosome, conserved biosystem;
Function	HLA-A specific activating MHC class I receptor activity; aminopeptidase activity; apoptotic protease activator activity; apoptotic protease activator activity; cysteine-type endopeptidase activity; cysteine-type endopeptidase activity; cysteine-type pepti

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