

Cathepsin H Protein, Mouse, Recombinant (His)

General Information

Synonyms:	cathepsin H;AL022844
Protein Construction:	A DNA sequence encoding the mouse CTSH (AAA82966.1) (Ala21-Val333) was expressed with a C-terminal polyhistidine tag.
Species:	Mouse
Expression Host:	HEK293
Accession:	AAA82966.1
Molecular Weight:	36.6 kDa (predicted)

QC Testing

Biological Activity:	Testing in progress
Purity:	> 90 % as determined by SDS-PAGE
Endotoxin:	< 1.0 EU per µg of the protein as determined by the LAL method
Formulation:	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.

Preparation and Storage

Reconstitution:

A hardcopy of datasheet with reconstitution instructions is sent along with the products. Please refer to it for detailed information.

Stability & 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.

Shipping:

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

Protein Background

Proinflammatory cytokines decreased the expression of CTSH in human islets and primary rat beta-cells, and overexpression of CTSH protected insulin-secreting cells against cytokine-induced apoptosis.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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