Recombinant Mouse Cathepsin H/CTSH Protein (aa 21-333,

His Tag) Catalog Number:PKSM040583



Note: Centrifuge before opening to ensure complete recovery of vial contents.

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Synonyms Pro-cathepsin H;CTSH;ACC-4;ACC-5;aleurain;cathepsin B3;cathepsin

BA;cathepsin H;CPSB;minichain;N-benzoylarginine-beta-naphthylamide hydrolase

Species Mouse

Expression Host HEK293 Cells
Sequence Ala21-Val333
Accession AAA82966.1
Calculated Molecular Weight 36.6 kDa
Tag C-His

Properties

Purity > 90 % as determined by reducing SDS-PAGE.

Endotoxin < 1.0 EU per μg of the protein as determined by the LAL method.

Storage Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to

-80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots

of reconstituted samples are stable at < -20°C for 3 months.

Shipping This product is provided as lyophilized powder which is shipped with ice packs.

Formulation Lyophilized from sterile PBS, pH 7.4

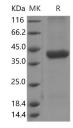
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as

protectants before lyophilization.

Please refer to the specific buffer information in the printed manual.

Reconstitution Please refer to the printed manual for detailed information.

Data



> 90 % as determined by reducing SDS-PAGE.

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.

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