

Recombinant Mouse Chst3 protein, His-tagged

Cat. No. Chst3-4046M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Chst3 protein(NP_058083.2)(Glu39-Thr472), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Glu39-Thr472
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.
Molecular Mass	The recombinant mouse CHST3 comprises 453 amino acids and predicts a molecular mass of 52 kDa. As a result of glycosylation, the apparent molecular mass of mouse CHST3 is approximately 55-75 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
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.

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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	Chst3 carbohydrate (chondroitin 6/keratan) sulfotransferase 3 [Mus musculus]
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Official Symbol	Chst3
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Synonyms

CHST3; carbohydrate (chondroitin 6/keratan) sulfotransferase 3; carbohydrate sulfotransferase 3; chondroitin 6-sulfotransferase; chondroitin 6-O-sulfotransferase 1; galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 0; C6ST; GST-0; C6ST-1;

Gene ID	53374
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mRNA Refseq	NM_016803
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Protein Refseq	NP_058083
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