

Recombinant Mouse Chi3l1 protein, His-tagged

Cat. No. Chi3l1-6906M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Chi3l1 protein(Q61362-2)(Met1-Ala381), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Ala381
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 CHI3L1 comprises 371 amino acids and has a calculated molecular mass of 42.3 kDa. As a result of glycosylation, the apparent molecular mass of rmCHI3L1 is approximately 50 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 97 % 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

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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	Chi3l1 chitinase 3-like 1 [Mus musculus]
Official Symbol	Chi3l1
Synonyms	CHI3L1; chitinase 3-like 1; chitinase-3-like protein 1; GP-39; CGP-39; cartilage glycoprotein 39; Gp39; Brp39; AW208766;
Gene ID	12654
mRNA Refseq	NM_007695
Protein Refseq	NP_031721

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