

Recombinant Mouse Chi3l1 protein(Tyr30-Ala389), His-tagged

Cat. No. Chi3l1-61M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Chi3l1 protein(Tyr30-Ala389)(Q61362-1) is expressed from HEK293 with His tag at the C-Terminus.
Species	Mouse
Source	HEK293
ProteinLength	Tyr30-Ala389
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a predicted MW of 41.9 kDa. Due to glycosylation, the protein migrates to 42-50 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3-6 months after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution

Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [Chi3l1 chitinase 3-like 1 \[Mus musculus \]](#)

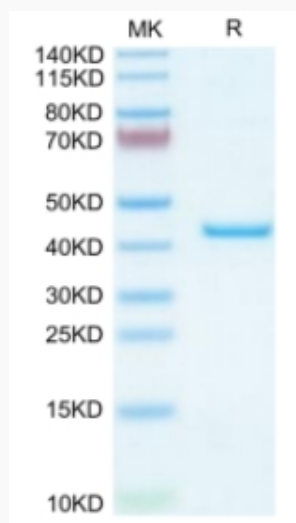
Official Symbol [Chi3l1](#)

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](#)

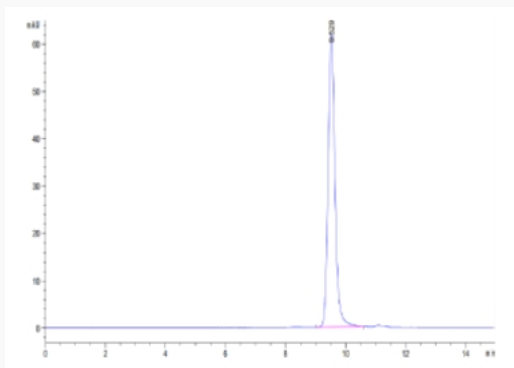
Protein Refseq [NP_031721](#)

Tris-Bis PAGE


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SEC-HPLC

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