

Recombinant Human CHI3L2 protein(Met1-Leu390), His-tagged

Cat. No. CHI3L2-1177H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHI3L2 (NP_003991.2) (Met 1-Leu 390) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus and a signal peptide at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	1-390 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human CHI3L2 consists of 374 amino acids and has a predicted molecular mass of 42.2 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhCHI3L2 is approximately 43 kDa.
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 [CHI3L2 chitinase 3-like 2 \[Homo sapiens \]](#)

Official Symbol [CHI3L2](#)

Synonyms CHI3L2; chitinase 3-like 2; chitinase-3-like protein 2; YKL 39; YKL39; chondrocyte protein 39; YKL-39;

Gene ID [1117](#)

mRNA Refseq [NM_001025197](#)

Protein Refseq [NP_001020368](#)

MIM [601526](#)

UniProt ID [Q15782](#)

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