

Recombinant Full Length Human CHI3L2 Protein, GST-tagged

Cat. No. CHI3L2-3196HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHI3L2 full-length ORF (AAH11460.1, 1 a.a. - 390 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	390 amino acids
Description	The protein encoded by this gene is similar to bacterial chitinases but lacks chitinase activity. The encoded protein is secreted and is involved in cartilage biogenesis. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]
Molecular Mass	68.53 kDa
AA Sequence	MGATTMDQKSLWAGVVVLLLLQGGSAYKLVCFYFTNWSQDRQEPGKFTPENIDPFL CSHLIYSFASIENNKVVIKDKSEVMLYQTINSLKTKNPKLKILLSIGGYLFGSKGFHPMV DSSTSRLEFINSIILFLRNHNFDGLDVSWIYPDQKENTHFTVLIHELAEAFQKDFTKST KERLLLTVGVSAGRQ MIDNSYQVEKLAKDLDFINLLSFDFHGSWEKPLITGHNSPLSK GWQDRGPSSYYNVEYAVGYWIHKGMPSKVMGIPTYGHSFTLASAETTVGAPAS GPGAAGPITESSGFLAYYEICQFLKGAKITRLQDQQVPYAVKGNQWVGYYDDVKSM TKVQFLKLNLLGGAMIWSIDMDDFTGKSCNQGPYPLVQAVKRSLSL
Applications	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)
Antibody Production
Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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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