

# Recombinant Full Length Human CHI3L2 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human CHI3L2 full-length ORF (AAH11460.1, 1 a.a. - 390 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	390 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	68.53 kDa
<b>AA Sequence</b>	MGATTMDQKSLWAGVVVLLLLQGGSAYKLVICYFTNWSQDRQEPGKFTPENIDPFLLCSHLIYSFASIENNKVVIKDKSEVMLYQTINSLKTKNPKLKILLSIGGYLFGSKGFHPMVDSSTSRLEFINSIILFLRNHNFDGLDVSWIYPDQKENTHFTVLIHELAEAFQKDFTKSTKERLLLLTVGVSAGRQ MIDNSYQVEKLAKDLDFINLLSFDFHGSWEKPLITGHNSPLSKGWQDRGPSSYYNVEYAVGYWIHKGMPSEKVVMMGIPTYGHSFTLASAETTVGAPASGPGAAGPITESSGFLAYYEICQFLKGAKITRLQDQQVPYAVKGNQWVGYYDDVKSMETKVQFLKLNLLGGAMIWSIDMDDFTGKSCNQGPYPLVQAVKRSLSL
<b>Applications</b>	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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