Recombinant Human CHI3L2 Protein, GST-Tagged

Cat. No. CHI3L2-1233H **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	Wheat Germ
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	MGATTMDQKSLWAGVVVLLLLQGGSAYKLVCYFTNWSQDRQEPGKFTPENIDPFL CSHLIYSFASIENNKVIIKDKSEVMLYQTINSLKTKNPKLKILLSIGGYLFGSKGFHPMV DSSTSRLEFINSIILFLRNHNFDGLDVSWIYPDQKENTHFTVLIHELAEAFQKDFTKST KERLLLTVGVSAGRQMIDNSYQVEKLAKDLDFINLLSFDFHGSWEKPLITGHNSPLSK GWQDRGPSSYYNVEYAVGYWIHKGMPSEKVVMGIPTYGHSFTLASAETTVGAPAS GPGAAGPITESSGFLAYYEICQFLKGAKITRLQDQQVPYAVKGNQWVGYDDVKSME TKVQFLKNLNLGGAMIWSIDMDDFTGKSCNQGPYPLVQAVKRSLGSL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

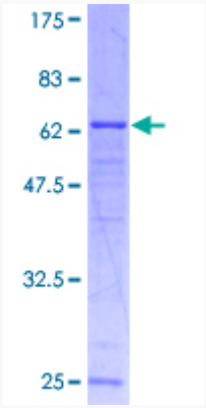
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	Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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