

Recombinant Human CHI3L2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CHI3L2-1803H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CHI3L2 MS Standard C13 and N15-labeled recombinant protein (NP_001020370) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	43.5 kDa
AA Sequence	MGATTMDQKSLWAGVVVLLLLQGGSAYKLVCYFTNWSQDRQEPGKFTPENIDPFL CSHLIYSFASIENNKVVIKDKSEVMLYQTINSLKTKNPKLKILLSIGGYLFGSKGFHPMV DSSTSRLEFINSIILFLRNHNFDGLDVSWIYPDQKENTHFTVLIHELAEAFQKDFTKST KERLLLTVGVSAGRQ MIDNSYQVEKLAKDLDFINLLSFDFHGSWEKPLITGHNSPLSK GWQDRGPSSYYNVEYAVGYWIHKGMPSEKVV MGIPTYGHSFTLASAETT VGAPAS GPAAGPITESSGFLAYYEICQFLKGAKITRLQDQVPYAVKGNQWVGYYDDVKSM E TKVQFLKLN LGGAMIWSIDMDDFTGKSCNQGPYPLVQAVKRSLSLTRTRPLEQK LISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

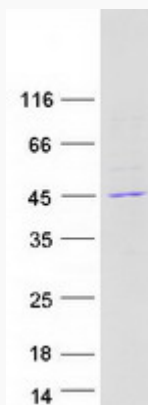
Gene Name	CHI3L2 chitinase 3-like 2 [Homo sapiens (human)]
Official Symbol	CHI3L2
Synonyms	CHI3L2; chitinase 3-like 2; chitinase-3-like protein 2; YKL 39; YKL39; chondrocyte protein 39; YKL-39;
Gene ID	1117
mRNA Refseq	NM_001025199
Protein Refseq	NP_001020370
MIM	601526
UniProt ID	Q15782

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SDS-PAGE



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