

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

Cat. No. CHI3L2-033H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

CHI3L2 MS Standard C13 and N15-labeled recombinant protein (NP_001020368) 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

42.3 kDa

AA Sequence

MGATTMDQKSLWAGSAYKLVCFYTNWSQDRQEPGKFTPENIDPFLCSHLIYSFASIE
 NNKVIKDKSEVMLYQTINSLKTKNPCLKILLSIGGYLFGSKGFHPMVDSSTSRLFIN
 IILFLRNHNFDGLDVSWIYPDQKENTHFTVLIHELAEAFQKDFTKSTKERLLLTVGVSA
 GRQMIDNSYQVEKLAKDLDLFINLLSFDHGSWEKPLITGHNSPLSKGWQDRGPSSY
 YNVEYAVGYWIHKGMPSEKVVMIPTYGHSFTLASAETTVGAPASGPGAAGPITES
 SGFLAYYEICQFLKGAKITRLQDQQVPYAVKGNQWVGYYDDVKSMETKVQFLKLNLL
 GGAMIWSIDMDDFTGKSCNQGPYPLVQAVKRSLSLTRTRPLEQKLISEEDLAANDI
 LDYKDDDDKV

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; CHIL2; YKL-39; YKL39; chitinase-3-like protein 2; chondrocyte protein 39
Gene ID	1117
mRNA Refseq	NM_001025197
Protein Refseq	NP_001020368
MIM	601526
UniProt ID	Q15782

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SDS-PAGE



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