

Recombinant Human CHI3L1 Protein, MYC/DDK-tagged

Cat. No. CHI3L1-3219H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHI3L1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-383 aa
Description	Chitinases catalyze the hydrolysis of chitin, which is an abundant glycopolymer found in insect exoskeletons and fungal cell walls. The glycoside hydrolase 18 family of chitinases includes eight human family members. This gene encodes a glycoprotein member of the glycosyl hydrolase 18 family. The protein lacks chitinase activity and is secreted by activated macrophages, chondrocytes, neutrophils and synovial cells. The protein is thought to play a role in the process of inflammation and tissue remodeling. [
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	42.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	CHI3L1 chitinase 3-like 1 (cartilage glycoprotein-39) [Homo sapiens]
Official Symbol	CHI3L1
Synonyms	ASRT7; CGP-39; GP-39; GP39; HC-gp39; hCGP-39; HCGP-3P; YKL-40; YKL40; YYL-40
Gene ID	1116
mRNA Refseq	NM_001276
Protein Refseq	NP_001267
MIM	601525
UniProt ID	P36222

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