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32-2219: CHI3L1 Recombinant Protein

Alternative Name : Chitinase 3-like 1,CHI3L1,Chitinase-3-like protein 1,39 kDa synovial protein,Cartilage glycoprotein 39,CGP-39,GP-39,hCGP-39.

Description

Source : CHO (chinese hamster ovary cells). CHI3L1 Human Recombinant produced in CHO is a single, glycosylated polypeptide chain containing 408 amino acids (1-383) and having a molecular mass of 45.5kDa. CHI3L1 is fused to a 25 amino acid myc-His-tag at C-terminus & purified by proprietary chromatographic techniques. Chitinase 3-Like 1 (CHI3L1) catalyze the hydrolysis of chitin that is an abundant glycopolymer present in insect exoskeletons and fungal cell walls. The glycoside hydrolase 18 family of chitinases comprises 8 human family members. CHI3L1 belongs to the glycosyl hydrolase 18 family. CHI3L1 lacks chitinase activity and is secreted by activated macrophages, chondrocytes, neutrophils and synovial cells. CHI3L1 takes part in the process of inflammation and tissue remodeling.

Product Info

Amount :	5 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The CHI3L1 solution (0.25mg/ml) contains Phosphate-Buffered Saline (pH 7.4).
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGVKASQTGF VVLVLLQCCS AYKLVCYYTS WSQYREGDGS CFPDALDRFL CTHIIYSFAN ISNDHIDTWE WNDVTLYGML NTLKNRNPNL KTLLSVGGWN FGSQRFSKIA SNTQSRRTFI KSVPPFLRTH GFDGLDLAWL YPGRRDKQHF TTLIKEMKAE FIKEAQPGKK QLLLSAALSA GKVTIDSSYD IAKISQHLDF ISIMTYDFHG AWRGTTGHHS PLFRGQEDAS PDRFSNTDYA VGYMLRLGAP ASKLVMGIPT FGRSFTLASS ETGVGAPISG PGIPGRFTKE AGTLAYYEIC DFLRGATVHR ILGQQVPYAT KGNQWVGYDD QESVKSKVQY LKDRQLAGAM VWALDLDDFQ GSFCGQDLRF PLTNAIKDAL AATKLGPEQK LISEEDLNSA VDHHHHHH .

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