

Human CHI3L1 (22-383) Recombinant Protein



RPPB1491

Product Information Protein Information

Product SKU:

RPPB1491

Accession:

P36222

Host:

Sf9, Baculovirus cells.

Protein description:

CHI3L1 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 370 amino acids (22-383 a.a.) and having a molecular mass of 41.4kDa (Migrates at 40-57kDa on SDS-PAGE under reducing conditions).CHI3L1 is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Chitinase 3 Like 1, Chitinase 3-Like 1 (Cartilage Glycoprotein-39), Cartilage Glycoprotein 39, 39 KDa Synovial Protein, HCGP-39, CGP-39, YKL-40, GP-39 , Chitinase-3-Like Protein 1, Cartilage Glycoprotein-39, HC-Gp39, HCGP-3P, YYL-40, ASRT7, YKL40.

Formulation:

CHI3L1 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4), 10% glycerol and 1mM DTT.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

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 Sequence:

YKLVCCYTSW SQYREGDGSC FPDALDRFLC THIIYSFANI SNDHIDTWEW NDVTLYGMLN TLKNRNPNLK
TLLSVGGWNF GSQRFSKIAS NTQSRRTFIK SVPPFLRTHG FDGLDLAWLY PGRGDKQHFT TLIKEMKAEF
IKEAQPGKKQ LLLSAALSAG KVTIDSSYDI AKISQHLDFI SIMTYDFHGA WRGTTGHHSP LFRGQEDASP
DRFSNTDYAV GYMLRLGAPA SKLVMGIPTF GRSFTLASSE TGVGAPISGP GIPGRFTKEA GTLAYYEICD
FLRGATVHRI LGQQVPYATK GNQWVGYDDQ ESVKSKVQYL KDRQLAGAMV WALDLDDFQG SFCGQDLRFP
LTNAIKDALA ATLEHHHHHH.