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Product Datasheet

Recombinant Human CHI3L2 (C-6His) EBT-EPT164

Artikelname	Recombinant Human CHI3L2 (C-6His)
Artikelnummer	EBT-EPT164
Hersteller Artikelnummer	EPT164
Alternativnummer	EBT-EPT164-50
Hersteller	ELK Biotechnology
Kategorie	Proteine/Peptide
Produktbeschreibung	Recombinant Human Chitinase 3-Like Protein 2 is produced by our Mammalian expression system and the target gene encoding Tyr27-Leu390 is expressed with a 6His tag at the C-terminus....
Molekulargewicht	Molecular weight: 41.94 KDa. Apparent molecular weight: 40 KDa, reducing conditions
UniProt	AAH11460.1
Reinheit	Greater than 95% as determined by reducing SDS-PAGE.

Anwendungsbeschreibung

Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/ μ g (1 EU/ μ g) as determined by LAL test. Background: Chitinase 3-Like Protein 2 (CHI3L2) is a 39 kDa secreted glycoprotein which belongs to the glycosyl hydrolase 18 family and the most closely related to human cartilage glycoprotein 39, which promotes the growth of human synovial cells as well as skin and fetal lung fibroblasts. Highest expression of CHI3L2 is in chondrocytes, followed by synoviocytes, lung and heart. It is not detected in spleen, pancreas, and liver. CHI3L2 may also be expressed in developing brain and placenta. Increased levels of CHI3L2 have been demonstrated in synovial fluids of patients with rheumatoid or osteoarthritis as well as in some other pathologies and in malignant tumors, particularly in glioblastomas. CHI3L2 may bind glycan structure with high affinity, but not heparin. It has no chitotriosidase activity, but is likely to bind some type of glycan