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Datasheet for ABIN2566464
CHI3L1 Protein (His tag)

Overview

Quantity:	0.1 mg
Target:	CHI3L1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CHI3L1 protein is labelled with His tag.
Application:	Western Blotting (WB)

Product Details

Characteristics:	Measured by the ability of the immobilized protein to support the adhesion of FaDu human squamous cell carcinoma cells. When 50000 cells per well are added to rhCHI3-L1 coated plate, cell adhesion is enhanced in a dose dependent manner. The ED50 for this effect is typically 0. 8 - 3. 5 µg/mL.
Purity:	>95 % as determined by SDS-PAGE.

Target Details

Target:	CHI3L1
Alternative Name:	CGP 39 (CHI3L1 Products)
Target Type:	Viral Protein
Background:	Chitinase-3-like protein 1 (CHI3L1) is also known as Cartilage glycoprotein 39 (CGP-39), YKL-40,

Target Details

which belongs to the glycosyl hydrolase 18 family. CHI3L1 is present in activated macrophages, articular chondrocytes, synovial cells as well as in liver. CHI3L1 may play a role in defense against pathogens, or in tissue remodeling and also may play an important role in the capacity of cells to respond to and cope with changes in their environment.

Molecular Weight: 41.3 kDa

Gene ID: 1116

NCBI Accession: [NP_001267](#)

UniProt: [P36222](#)

Application Details

Application Notes: This recombinant protein can be used for WB. For research use only.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Storage: -80 °C, -20 °C

Storage Comment: Lyophilized Protein should be stored at -20°C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20°C or -70°C. Avoid repeated freeze-thaw cycles.