Datasheet for ABIN2713970

CHI3L1 Protein (Myc-DYKDDDDK Tag)

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Overview

Quantity:	20 µg
Target:	CHI3L1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CHI3L1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	• Recombinant human CHI3L1 protein expressed in HEK293 cells. • Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	CHI3L1
Alternative Name:	Chi3l1 (CHI3L1 Products)
Target Type:	Viral Protein
Background:	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

Target Details

	macrophages, chondrocytes, neutrophils and synovial cells. The protein is thought to play a role in the process of inflammation and tissue remodeling.
Molecular Weight:	42.4 kDa
NCBI Accession:	NP_001267

Application Details

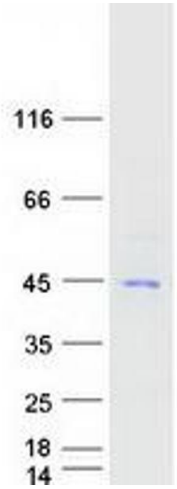
Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Publications

Product cited in:	Cantó, Tintoré, Villar, Costa, Nurtdinov, Álvarez-Cermeño, Arrambide, Reverter, Deisenhammer, Hegen, Khademi, Olsson, Tumani, Rodríguez-Martín, Piehl, Bartos, Zimova, Kotoucova, Kuhle, Kappos et al.: "Chitinase 3-like 1: prognostic biomarker in clinically isolated syndromes. ..." in: **Brain : a journal of neurology**, Vol. 138, Issue Pt 4, pp. 918-31, (2015) (PubMed).



Western Blotting

Image 1. Validation with Western Blot