

Datasheet for ABIN7320844

CHI3L3 Protein (Pro105Ser-Mutant) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	CHI3L3
Protein Characteristics:	Pro105Ser-Mutant
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CHI3L3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse YM1/ECF-L/Chil3 Protein (Pro105Ser)(His Tag)
Sequence:	Tyr22-Tyr398(Pro105Ser)
Characteristics:	Recombinant Mouse CHI3L3 is produced by our Mammalian expression system and the target gene encoding Tyr22-Tyr398(Pro105Ser) is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CHI3L3
Alternative Name:	YM1/ECF-L/Chil3 (CHI3L3 Products)
Background:	Background: Chitinase 3-like 3 gene, also known as YM1 and ECF-L, encodes a precursor

Target Details

protein with 398 amino acid residues with a 21 residue signal sequence. Chitinase 3-like 3 protein is a lectin that binds saccharides with a free amino group, such as glucosamine or galactosamine. Binding to oligomeric saccharides is much stronger than binding to mono- or disaccharides. Also binds heparin and G1cN oligomers, and is produced primarily by macrophages during inflammation. It has chemotactic activity for T-lymphocytes, bone marrow cells and eosinophils.

Synonym: CHI3L3, Chitinase-like protein 3, Chil3,Ym1

Molecular Weight: 43.4 kDa

UniProt: [O35744](#)

Application Details

Restrictions: For Research Use only

Handling

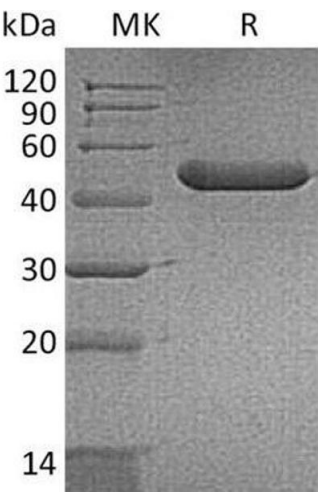
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.