

Datasheet for ABIN7607573

## CHI3L2 Protein (AA 27-390) (His tag)



[Go to Product page](#)

### Overview

Quantity:	50 µg
Target:	CHI3L2
Protein Characteristics:	AA 27-390
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CHI3L2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), ELISA, Activity Assay (AcA)

### Product Details

Purpose:	Recombinant Human CHI3L2 Protein, C-10*His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by the ability of the immobilized protein to support the adhesion of human squamous cell carcinoma cells (FaDu). When $5 \times 10^4$ cells per well are added to rhCHI3L2 (Cat #: AHH19601) coated plates for 30 minutes at 37 °C, cell adhesion is enhanced in a dose dependent manner with typical ED50 range of 0.7-2.8 µg/mL. Optimal dilutions should be determined by each laboratory for each application.

## Target Details

Target:	CHI3L2
Alternative Name:	CHI3L2 ( <a href="#">CHI3L2 Products</a> )
Background:	CHI3L2, YKL-39, Chondrocyte protein 39, Chitinase-3-like protein 2
UniProt:	<a href="#">Q15782</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months