

Datasheet for ABIN7607600

CHI3L1 Protein (AA 22-381) (His tag)



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Overview

Quantity:	50 µg
Target:	CHI3L1
Protein Characteristics:	AA 22-381
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CHI3L1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), ELISA, Immunogen (Imm), Activity Assay (AcA)

Product Details

Purpose:	Recombinant Mouse CHI3L1 Protein, C-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 5×10^4 cells per well are added to rmCHI3L1 (Cat #: AME16901) coated plate, cell adhesion is enhanced in a dose dependent manner after 30 minutes at 37 °C. The ED50 for this effect is 0.8-3.2 µg/mL.

Target Details

Target:	CHI3L1
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Target Details

Alternative Name:	CHI3L1 (CHI3L1 Products)
Background:	CHI3L1, GP-39, YKL-40, Chitinase-3-like protein 1, CGP-39, 39 kDa synovial protein, hCGP-39, Cartilage glycoprotein 39,
UniProt:	Q61362

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