

Datasheet for ABIN7607185

CHI3L3 Protein (AA 1-398) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	CHI3L3
Protein Characteristics:	AA 1-398
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CHI3L3 protein is labelled with His tag.
Application:	ELISA, SDS-PAGE (SDS), Western Blotting (WB), Activity Assay (AcA), Immunogen (Imm)

Product Details

Purpose:	Recombinant Mouse Chil3 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 x 10 ⁴ cells/well are added to recombinant Mouse Chil3/Ym1 (Cat #: AMN56601) coated plates, cell adhesion is enhanced in a dose dependent manner after 1 hour incubation at 37 °C. The ED50 for this effect is 0.3-1.2 µg/mL.

Target Details

Target:	CHI3L3
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Target Details

Alternative Name:	Chitinase-like protein 3 (CHI3L3 Products)
Background:	Chitinase-like protein 3, Beta-N-acetylhexosaminidase Ym1, Chitinase-3-like protein 3, ECF-L, Eosinophil chemotactic cytokine, Secreted protein Ym1, Chi13, Chi3l3, Ym1
UniProt:	035744

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