

Datasheet for ABIN5854655
CHI3L1 Protein (AA 22-383) (His tag)



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1 Image

Overview

Quantity:	50 µg
Target:	CHI3L1
Protein Characteristics:	AA 22-383
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CHI3L1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPSRIDQDN SSFDSLSEPEP KSRFAMLDVV KILANGLLQL GHGLKDFVHK TKGQINDIFQ KLNIFDQSFY DLSQLTSEIK EEEKELRRRT YKLQVKNEEV KNMSLELNSK LESLLEEKIL LQQKVKYLEE QLTNLIQNQP ETPEHPEVTS LKTFVEKQDN SIKDLLQTV E DQYKQLNQQH SQIKEIENQL RRTSIQEPT E ISLSSKPRAP RTTPFLQLNE IRNVKHDGIP AECTTIYNRG EHTSGMYAIR PSNSQVFHVV CDVISGSPWT LIQHRIDGSQ NFNETWENYK YGFGRLDGEF WLGLEKIYSI VKQSNVLR I ELEDWKNKH YIEYSFYLGN HETNYTLHLV AITGNVPAI PENKDLVFST WDHKAKGFN CPEGYSGGWW WHDECGENNL NGKYNKPRAK SKPERRRGLS WKSQNGRLYS IKSTKMLIHP TDSSEFEHHH HHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

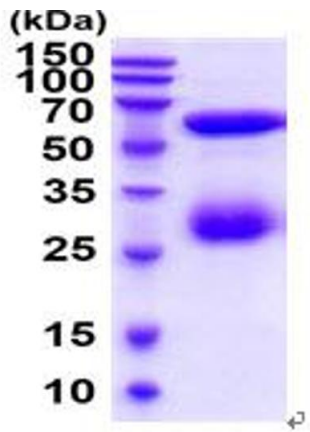
Target:	CHI3L1
Alternative Name:	CHI3L1 (CHI3L1 Products)
Target Type:	Viral Protein
Background:	ANGPTL3, as known as angiopoietin-related protein 3, is a secreted glycoprotein that is structurally related to the angiopoietins. This protein directly inhibits lipoprotein lipase (LPL) and endothelial lipase (EL), enzymes responsible for hydrolyzing circulating triglycerides and HDL phospholipids. This activity requires a putative heparin-binding motif which is N-terminal to the coiled coil domain. Recombinant human ANGPTL3, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	52.9kDa (453aa) 25-70kDa (SDS-PAGE under reducing conditions))
NCBI Accession:	NP_055310
UniProt:	Q9Y5C1

Application Details

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

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 30 % glycerol, 1 mM DTT
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.