Datasheet for ABIN7274320

CHODL Protein (AA 22-216) (Fc Tag)

2 Images

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Overview

Quantity:	100 µg
Target:	CHODL
Protein Characteristics:	AA 22-216
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CHODL protein is labelled with Fc Tag.

Product Details

Purpose:	Human CHODL Protein
Sequence:	Arg22-Asn216
Characteristics:	Recombinant Human CHODL Protein is expressed from HEK293 with hFc tag at the C-Terminus.It contains Arg22-Asn216.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	CHODL
Alternative Name:	CHODL (CHODL Products)

Target Details

Background:	Chondrolectin (CHODL) is commonly overexpressed in the majority of lung cancers, indicating a possible correlation between CHODL and metastasis of lung cancer cells. the expression of CHODL is significantly decreased in HCC clinical samples and in HCC cell lines. Overexpression of CHODL in SMMC7721 cells with a lentiviral vector increased SMMC7721 cell migration and invasion.
Molecular Weight:	48.7 kDa. Due to glycosylation, the protein migrates to 65-68 kDa based on Tris-Bis PAGE result.

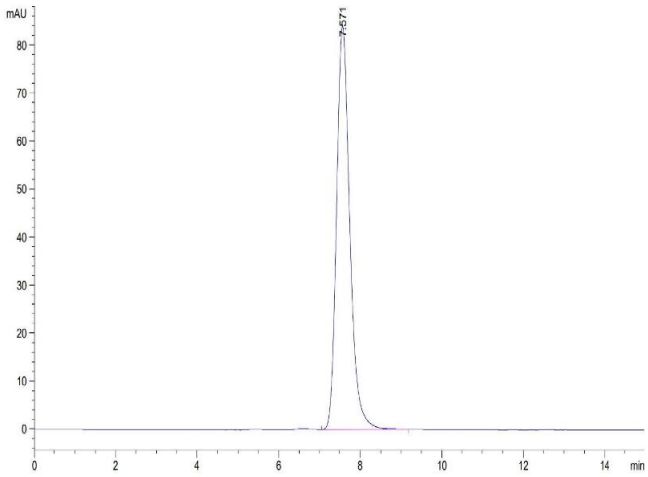
Application Details

Restrictions:	For Research Use only

Handling

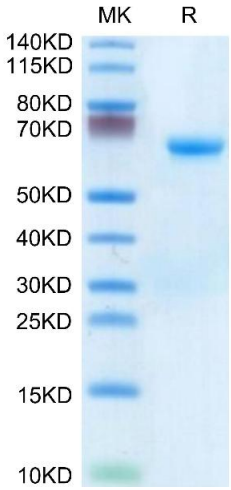
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Images



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Human CHODL is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 2. Human CHODL on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .