

# Recombinant human CD316/IGSF8 protein

Catalog Number: ATGP3629

## PRODUCT INFORMATION

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### Expression system

Baculovirus

### Domain

28-579aa

### UniProt No.

Q969P0

### NCBI Accession No.

NP\_443100

### Alternative Names

Immunoglobulin superfamily member 8, IGSF8, CD316, CD81P3, EWI-2, EWI2, KCT-4, LIR-D1, PGRL, CD81 partner 3, Glu-Trp-Ile EWI motif-containing protein 2, Keratinocytes-associated transmembrane protein 4, Prostaglandin regulatory-like protein

## PRODUCT SPECIFICATION

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### Molecular Weight

59.6 kDa (561aa)

### Concentration

0.5mg/ml (determined by absorbance at 280nm)

### Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 30% glycerol

### Purity

> 95% by SDS-PAGE

### Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

IGSF8, also known as Immunoglobulin superfamily member 8, is a member of the immunoglobulin protein superfamily. It interact with the tetraspanins CD81 and CD9 and may regulate their role in certain cellular

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functions including cell migration and viral infection. Also, this protein may function as a tumor suppressor by inhibiting the proliferation of certain cancers. Recombinant human IGSF8 protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

## Amino acid Sequence

ADLREVLVPE GPLYRVAGTA VSISCNVTGY EGPAQQNFEW FLYRPEAPDT ALGIVSTKDT QFSYAVFKSR WVAGEVQVQR  
LQGDVAVLKI ARLQAQDAGI YECHTPSTDT RYLGSYSYGKV ELRVLPDVLQ VSAAPPGPRG RQAPTSPPRM TVHEGQELAL  
GCLARTSTQK HTHLAVSFGR SVPEAPVGRS TLQEVVGIRS DLAVEAGAPY AERLAAGELR LGKEGTDRYR MIVGGGAQAGD  
AGTYHCTAAE WIQDPDGSWA QIAEKRAVLA HVDVQTLSSQ LAVTVGPGER RIGPGELEL LCNVSGALPP AGRHAAYSVG  
WEMAPAGAPG PGRLLVAQLDT EGVGSLGPGY EGRHIAMEKV ASRTYRLRLE AARPGDAGTY RCLAKAYVRG SGTRLREAAS  
ARSRPLPVHV REEGVVLEAV AWLAGGTVYR GETASLLCNI SVRGGPPGLR LAASWWVERP EDGELSSVPA QLVGGVGGQDG  
VAELGVRPVG GPVSVLELVGP RSHRLRLHSL GPEDEGVYHC APSAWVQHAD YSWYQAGSAR SGPVTVYPYM  
HALDTHHHHH H

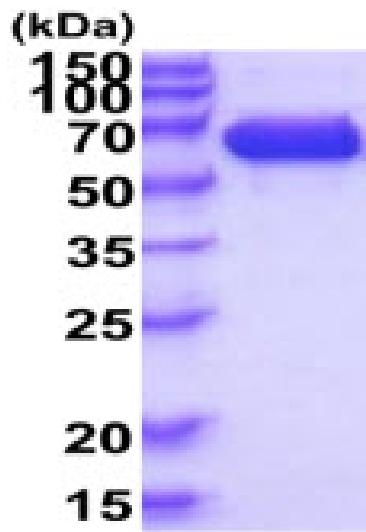
## General References

Kolesnikova TV., et al, (2004) Blood. 103:3013-3019.

Wang HX., et al, (2015) Cell Res. 25:370-385.

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)