PRODUCT INFORMATION

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

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

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.

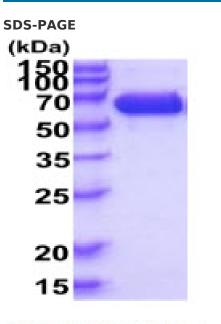
Amino acid Sequence

ADLREVLVPE GPLYRVAGTA VSISCNVTGY EGPAQQNFEW FLYRPEAPDT ALGIVSTKDT QFSYAVFKSR VVAGEVQVQR LQGDAVVLKI ARLQAQDAGI YECHTPSTDT RYLGSYSGKV ELRVLPDVLQ VSAAPPGPRG RQAPTSPPRM TVHEGQELAL GCLARTSTQK HTHLAVSFGR SVPEAPVGRS TLQEVVGIRS DLAVEAGAPY AERLAAGELR LGKEGTDRYR MVVGGAQAGD AGTYHCTAAE WIQDPDGSWA QIAEKRAVLA HVDVQTLSSQ LAVTVGPGER RIGPGEPLEL LCNVSGALPP AGRHAAYSVG WEMAPAGAPG PGRLVAQLDT EGVGSLGPGY EGRHIAMEKV ASRTYRLRLE AARPGDAGTY RCLAKAYVRG SGTRLREAAS ARSRPLPVHV REEGVVLEAV AWLAGGTVYR GETASLLCNI SVRGGPPGLR LAASWWVERP EDGELSSVPA QLVGGVGQDG VAELGVRPGG GPVSVELVGP 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



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

15% SDS-PAGE (3ug)

