
Product Data Sheet

Product Name: IGSF8 Human
 Cat. No.: GP23698
 Batch No.: 1

Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Immunoglobulin Superfamily Member 8; Keratinocytes-Associated Transmembrane Protein 4; Glu-Trp-Ile EWI Motif-Containing Protein 2; Prostaglandin Regulatory-Like Protein; CD81 Partner 3; CD81P3; LIR-D1; EWI-2; KCT-4; EWI2; PGRL; Immunoglobulin Superfamily Member 8; CD316 Antigen; CD316; IgSF8; KCT4.		
Amino Acid Sequence	ADLREVLVPE GPLYRVAGTA VSISCNVTGY EGPAQQNFEW FLYRPEAPDT ALGIVSTKDT QFSYAVFKSR VVAGEVQVQR LQGDVVLKI ARLQAQDAGI YECHTPSTDT RYLGSYSYSGKV ELRVLPDVLQ VSAAPPGPRG RQAPTSPPRM TVHEGQELAL GCLARTSTQK HTHLAVSFGR SVPEAPVGRS TLQEVVGIRES DLAVEAGAPY AERLAAGELR LGKEGTDRYR MIVGGGAQAGD AGTYHCTAAE WIQDPDGSWA QIAEKRAVLA HVDVQTLSSQ LAVTVGPGER RIGPGEPLLEL LCNVSGALPP AGRHAAYSVM WEMAPAGAPG PGRLVAQLDT EGVGSLGPGY EGRHIAMEKV ASRTYRLRLE AARPGDAGTY RCLAKAYVRG SGTRLREAAS ARSRPLPVHV REEGVVLEAV AWLAGGTVYR GETASLLCNI SVRGGPPGLR LAASWWVERP EDGELSSVPA QLVGGVGQDG VAELGVRPVG GPVSVLVGVP RSHRLRLHSL GPEDEGVYHC APSAWVQHAD YSWYQAGSAR SGPVTVYPYM HALDTHHHHH H.		
Formulation	IGSF8 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 30% glycerol.		

Introduction

Immunoglobulin superfamily member 8 (IGSF8) belongs to the immunoglobulin protein superfamily. IGSF8 interacts with the tetraspanins CD81 and CD9 and may regulate their role in a number of cellular functions including cell migration and viral infection. In

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In addition, the IGSF8 protein may function as a tumor suppressor by inhibiting the proliferation of certain cancers.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

IGSF8 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 561 amino acids (28-579a.a.) and having a molecular mass of 59.6kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). IGSF8 is expressed with a 6 amino acids His tag at C-Terminus and purified by proprietary chromatographic techniques.

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