

Recombinant Human IGSF8 Protein, His-tagged

Cat. No. IGSF8-500H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IGSF8 fused with His tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member the EWI subfamily of the immunoglobulin protein superfamily. Members of this family contain a single transmembrane domain, an EWI (Glu-Trp-Ile)-motif and a variable number of immunoglobulin domains. This protein interacts with the tetraspanins CD81 and CD9 and may regulate their role in certain cellular functions including cell migration and viral infection. The encoded protein may also function as a tumor suppressor by inhibiting the proliferation of certain cancers. Alternate splicing results in multiple transcript variants that encode the same protein.
Form	Lyophilized from a 0.2 M filtered solution of 20mM PB, 150mM NaCl, pH 7.2
Molecular Mass	59.6kD
AA Sequence	REVLVPEGPLYRVAGTAVSISCNVTGYEGPAQQNFEWFLYRPEAPDTALGIVSTKDT QFSYAVFKSRVVAGEVQVQRLQGDVVLKIARLQAQDAGIYECHTPSTDTRYLGSY SGKVELRVLPDVLQVSAAPPGPRGRQAPTSPPRMTVHEGQELALGCLARTSTQKH THLAVSFGRSVPEAPVGRSTLQEVVGIRSDLAVEAGAPYAERLAAGELRLGKEGTD RYRMVVGGAQAGDAGTYHCTAAEWIQDPDGSWAQIAEKRAVLAVHDVQTLSSQLA VTVGPGERRIGPGEPLLELCNVSGALPPAGRHAAYSVGWEMAPAGAPGPGRLVAQ

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LDTEGVGSLGPGYEGRHIAMEKVASRTYRLRLEAARPGDAGTYRCLAKAYVRGSGT
 RLREAASARSRLPVHVREEGVVLEAVAWLAGGTVYRGETASLLCNISVRGGPPGL
 RLAASWWVERPEDGELSSVPAQLVGGVGQDGAELGVRPGGGPVSVELVGPRSH
 RLRLHSLGPEDEGVYHCAPSAWVQHADYSWYQAGSARSGPVTVPYPMHALDSTD
 HHHHHH

Endotoxin Endotoxin level is <0.1 ng/g of protein (<1EU/g).

Purity >95% as determined by SDS-PAGE and Coomassie blue staining

Concentration Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name IGSF8 immunoglobulin superfamily, member 8 [Homo sapiens]

Official Symbol IGSF8

Synonyms IGSF8; immunoglobulin superfamily, member 8; immunoglobulin superfamily member 8; CD81P3; CD316; EWI2; PGRL; CD81 partner 3; prostaglandin regulatory-like protein; glu-Trp-Ile EWI motif-containing protein 2; keratinocytes-associated transmembrane protein 4; EWI-2; KCT-4; LIR-D1;

Gene ID 93185

mRNA Refseq NM_052868

Protein Refseq NP_443100

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MIM	606644
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UniProt ID	Q969P0
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