

Recombinant Human IGSF8, His-tagged

Cat. No. IGSF8-29100TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 185-613 of Human IGSF8 with an N terminal His tag. Predicted mwt: 46 kDa;
Species	Human
Source	E.coli
ProteinLength	185-613 a.a.
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.
Conjugation	HIS
Form	Lyophilised:reconstitution with 128 µl aqua dest.
Storage buffer	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids

GCLARTSTQKHTHLAVSFGRSVPEAPVGRSTLQEVVGIRS DLAVEAGAPYAERLAA
 GELRLGKEGTDYRMVVGGAQA GDAGTYHCTAAEWIQDPDGSWAQIAEKRAVLA
 HVDVQT LSSQLAVTVGPGERRIGPGEPELLELCNVSGALPPAGRHAA YSVGWEMAP
 AGAPGPGRLVAQLDTEGVGSLGPGYEGRH IAMEKVASRTYRLRLEAARPGDAGTY
 RCLAKAYVRGSG TRLREAASARSRPLPVHVREEGVVLEAVAWLAGGTVYR GETAS
 LLCNISVRGGPPGLRLAASWWVERPEDGELSSVPA QLVGGVGDGVAELGVRPG
 GGPVSVELVGPRSHRLRLH SLGPEDEGVYHCAPSAWVQHADYSWYQAGSARSGP
 VTV YPYMHALDTLFLVPLLVTGVALVTGATVLGTITCCFMKRLRKR

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;
Gene ID	93185
mRNA Refseq	NM_052868
Protein Refseq	NP_443100
MIM	606644
Uniprot ID	Q969P0
Chromosome Location	1q23.1

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Function

protein binding;

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