

## Recombinant Human IGSF8, His-tagged

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

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant fragment, corresponding to amino acids 185-613 of Human IGSF8 with an N terminal His tag. Predicted mwt: 46 kDa;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 185-613 a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | 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. |
| <b>Conjugation</b>      | HIS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | Lyophilised:reconstitution with 128 µl aqua dest.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Storage buffer</b>   | Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Storage</b>          | 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 LSSQLAVTVGPGERRIGPGEPELLELCNVSGALPPAGRHAAY SVGWEMAP  
 AGAPGPGRLVAQLDTEGVGSLGPGYEGRH IAMEKVASRTYRLRLEAARPGDAGTY  
 RCLAKAYVRGSG TRLREAASARSRLPVHVREEGVVLEAVAWLAGGTVYR GETAS  
 LLCNISVRGGPPGLRLAASWWVERPEDGELSSVPA QLVGGVGQDGV AELGVRPG  
 GGPVSVELVGPRSHRLRLH SLGPEDEGVYHCAPSAWVQHADYSWYQAGSARSGP  
 VTV YPYMHALDTL FVPLLVTGVALVTGATVLGTITCCFMKRLRKR

**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; EW12; 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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