

## Active Recombinant Human TMIGD2 protein, Fc-tagged

**Cat. No.** TMIGD2-1146H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TMIGD2 protein(NP_653216.2) (Met1-Gly150), fused to Fc tag at the C-terminus, was expressed in HEK293.                                                           |
| <b>Species</b>          | Human                                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                                             |
| <b>ProteinLength</b>    | Met1-Gly150                                                                                                                                                                        |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.<br>Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                  |
| <b>Bio-activity</b>     | Measured by its binding ability in a functional ELISA. Immobilized human HHLA2h at 10 µg/mL (100 µL/well) can bind human TMIGD2-Fc3, the EC50 of human TMIGD2-Fc3 is 50-200 ng/mL. |
| <b>Molecular Mass</b>   | The recombinant human TMIGD2 consists of 368 amino acids and predicts a molecular mass of 40.9 kDa.                                                                                |
| <b>Endotoxin</b>        | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                           |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE.                                                                                                                                                  |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C                                                                                                  |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** TMIGD2 transmembrane and immunoglobulin domain containing 2 [ Homo sapiens ]

**Official Symbol** TMIGD2

**Synonyms** IGPR1; IGPR-1

**Gene ID** 126259

**mRNA Refseq** NM\_144615.2

**Protein Refseq** NP\_653216.2

**MIM** 614715

**UniProt ID** Q96BF3

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA