

## Active Recombinant Human TIMD4, HlgG1 Fc-tagged

**Cat. No.** TIMD4-803H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | The extracellular domain of human Tim-4 (NP_612388.2) (Glu25-Leu315) is fused to the N-terminus of the Fc region of human IgG1 was expressed in CHO cell.                                     |
| <b>Species</b>          | Human                                                                                                                                                                                         |
| <b>Source</b>           | CHO                                                                                                                                                                                           |
| <b>Description</b>      | TIMD4 (T-cell immunoglobulin and mucin domain containing 4) is a protein-coding gene. Diseases associated with TIMD4 include interdigitating dendritic cell sarcoma, and histiocytic sarcoma. |
| <b>Form</b>             | Lyophilized from 0.2µm-filtered solution in PBS.                                                                                                                                              |
| <b>Bio-activity</b>     | Measured by its ability to inhibit anti-CD3-induced proliferation of stimulated human T cells.                                                                                                |
| <b>Molecular Mass</b>   | 58 KDa (monomer)                                                                                                                                                                              |
| <b>AA Sequence</b>      | Glu25-Leu315                                                                                                                                                                                  |
| <b>Endotoxin</b>        | <0.06 eu/µg="" as="" determined="" by="" la="" test="">                                                                                                                                       |
| <b>Purity</b>           | >98%, by SDS-PAGE under reducing conditions.                                                                                                                                                  |
| <b>Stability</b>        | Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are                                                                                                           |

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stable for up to 3 months when stored at -20°C.

**Reconstitution** Reconstitute at 100µg/ml in sterile PBS.

**Warning** Avoid freeze/thaw cycles.

## GENE INFORMATION

**Gene Name** TIMD4 T-cell immunoglobulin and mucin domain containing 4 [ Homo sapiens ]

**Official Symbol** TIMD4

**Synonyms** TIMD4; T-cell immunoglobulin and mucin domain containing 4; T-cell immunoglobulin and mucin domain-containing protein 4; TIM-4; TIMD-4; T-cell membrane protein 4; TIM4; SMUCKLER; FLJ27515;

**Gene ID** 91937

**mRNA Refseq** NM\_001146726

**Protein Refseq** NP\_001140198

**MIM** 610096

**UniProt ID** Q96H15

**Chromosome Location** 5q33.3

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