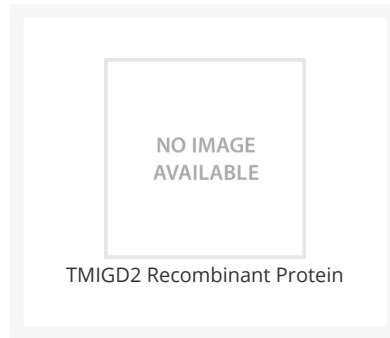




# TMIGD2 Recombinant Protein

Cat. No.: RF16120-01



## Ψ Specifications

<b>SPECIES:</b>	Human
<b>SOURCE SPECIES:</b>	Human Cells
<b>SEQUENCE:</b>	Leu23-Gly150
<b>FUSION TAG:</b>	C-6 His tag
<b>APPLICATIONS:</b>	This recombinant protein can be used for biological assays. For research use only.
<b>PREDICTED MOLECULAR WEIGHT:</b>	17.3 kD

## Ψ Properties

<b>PURITY:</b>	Greater than 95% as determined by reducing SDS-PAGE. Endotoxin level less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.
<b>PHYSICAL STATE:</b>	Lyophilized
<b>BUFFER:</b>	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4. It is not recommended to reconstitute to a concentration less than 100 ug/ml. Dissolve the lyophilized protein in ddH2O.

<b>STORAGE CONDITIONS:</b>	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
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## Additional Info

<b>OFFICIAL SYMBOL:</b>	TMIGD2
<b>ALTERNATE NAMES:</b>	Transmembrane and immunoglobulin domain-containing protein 2, Immunoglobulin and proline-rich receptor 1, IGPR1, TMIGD2, IGPR-1, CD28H
<b>ACCESSION NO.:</b>	Q96BF3
<b>GENE ID:</b>	126259

## Background and References

<b>BACKGROUND:</b>	TMIGD2 is a single-pass type I membrane protein, which contains one Ig-like (immunoglobulin-like) domain. It is widely expressed in many tissues, such as epithelial, endothelial cells and lung. However, it isn't detected in thyroid, cerebellum, thymus and cerebral cortex. TMIGD2 can form homophilic interactions that could regulate cell-cell interaction. It Interacts with CACNB2, DST, MIA and NCKIPSD. It is shown that TMIGD2 plays a role in cell-cell interaction, cell migration, and angiogenesis.
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