

Recombinant Human TMIGD2/CD28H Protein

Catalog No.: RP00809

Sequence Information

Species **Gene ID**
Human 126259

Swiss Prot **Tags**
Q96BF3 C-His

Synonyms

Transmembrane and immunoglobulin domain-containing protein 2, Immunoglobulin and proline-rich receptor 1, IGPR1, TMIGD2

Product Information

Source **Purification**
HEK293 cells ≥ 95 % as determined by SDS-PAGE.

Calculated MW **Observed MW**
15.05 kDa 20-30 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

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.

Basic Information

Description

Recombinant Human TMIGD2/CD28H Protein is produced by Human cells expression system. The target protein is expressed with sequence (Leu23-Gly150) of human TMIGD2/IGPR1 (Accession #Q96BF3) fused with a 6×His tag at the C-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

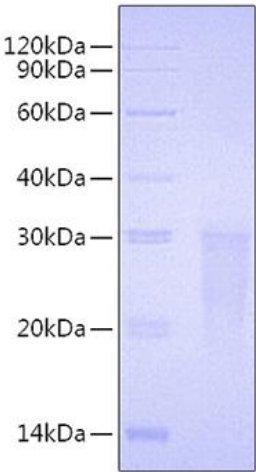
Contact

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Validation Data



Recombinant Human TMIGD2/CD28H Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.