

RP00809

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Recombinant Human TMIGD2/CD28H Protein

Catalog No.: RP00809

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	126259	Q96BF3

Tags

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% by SDS-PAGE.

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 freeze-thaw cycles.

Contact



www.abclonal.com

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 thymus, 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

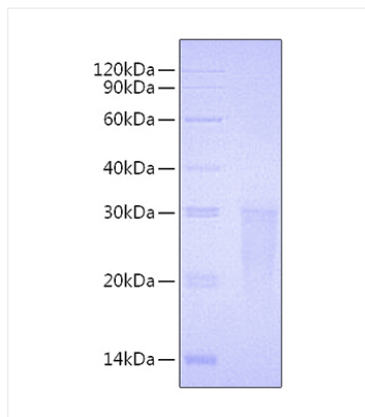
Recombinant Human TMIGD2/CD28H Protein is produced by Human cells expression system. The target protein is expressed with sequence (Leu23-Gly150) of human TMIGD2/IGPR1 (Accession #Q96BF3) fused with a 6×His tag at the C-terminus.

Bio-Activity

Storage

Store the lyophilized protein at -20 °C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Validation Data



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