

Product Name: Recombinant Human TMIGD2 (C-6His)
Catalog #: PHH1671

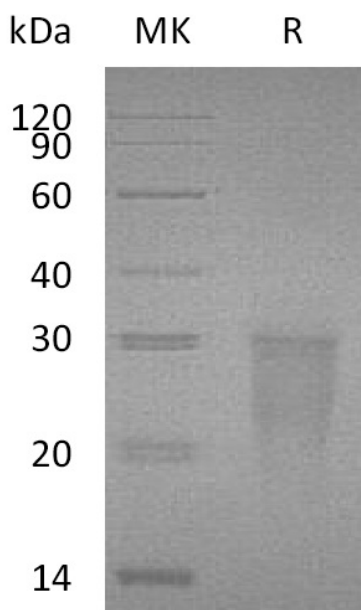


Summary

Name	TMIGD2/IGPR1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Transmembrane And immunoglobulin Domain-containing Protein 2 is produced by our Mammalian expression system and the target gene encoding Leu23-Gly150 is expressed with a 6His tag at the C-terminus.
Accession #	Q96BF3
Host	Human Cells
Species	Human
Predicted Molecular Mass	15.05 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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Alternative Names

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

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.

Note

For Research Use Only , Not for Diagnostic Use.