

Datasheet for ABIN7319092
TMIGD2 Protein (His tag)



[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	TMIGD2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMIGD2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human TMIGD2/IGPR-1 Protein (His Tag)
Sequence:	Leu23-Gly150
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	TMIGD2
Alternative Name:	TMIGD2/IGPR-1 (TMIGD2 Products)
Background:	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,

Target Details

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.

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

Molecular Weight: 17.3 kDa

UniProt: [Q96BF3](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.