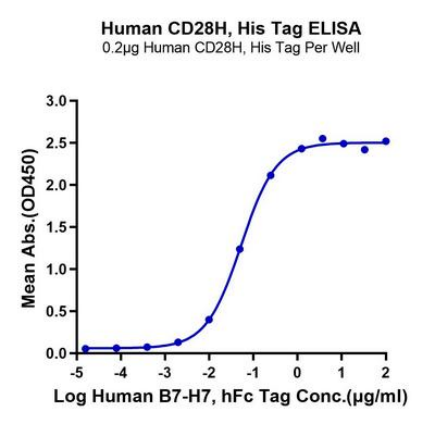
Bioactive HuPro®

TMIGD2 (Human) Recombinant Protein

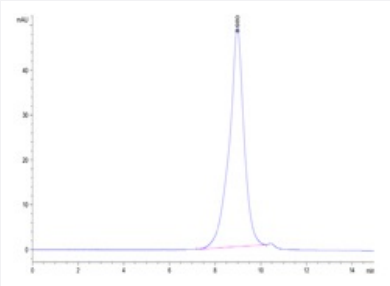
Catalog # P9786 Size 100 ug

Applications



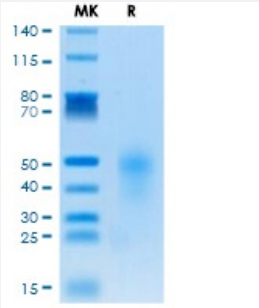
Enzyme-linked Immunoabsorbent Assay

Immobilized Human CD28H, His Tag at 2 ug/mL (100 uL/well) on the plate. Dose response curve for Human B7-H7, hFc Tag with the EC50 of 52.7 ng/mL determined by ELISA.



SEC-HPLC

The purity of Human CD28H is greater than 95% as determined by SEC-HPLC.



Tris-Bis PAGE

Human CD28H on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

Specification

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Product Description	Human TMIGD2 (Q96BF3-1, Leu23-Gly150) partial recombinant protein with His tag at C-Terminus expressed in HEK293 cells.
Sequence	Leu23-Gly150
Host	Human
Theoretical MW (kDa)	15.1
Form	Lyophilized
Preparation Method	Mammalian cell (HEK293) expression system
Quality Control Testing	SEC-HPLC and Tris-Bis PAGE SEC-HPLC The purity of Human CD28H is greater than 95% as determined by SEC-HPLC. Tris-Bis PAGE Human CD28H on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.
Recommend Usage	Biological Activity ELISA SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from sterile distilled Water is > 100 ug/mL
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of bioactivity analysis

Applications

- Functional Study
- Enzyme-linked Immunoabsorbent Assay

  Immobilized Human CD28H, His Tag at 2 ug/mL (100 uL/well) on the plate. Dose response curve for Human B7-H7, hFc Tag with the EC50 of 52.7 ng/mL determined by ELISA.
- SDS-PAGE

Gene Info — TMIGD2

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Entrez GeneID	126259
Protein Accession#	Q96BF3-1
Gene Name	TMIGD2
Gene Alias	MGC23244
Gene Description	transmembrane and immunoglobulin domain containing 2
Gene Ontology	Hyperlink
Other Designations	-

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