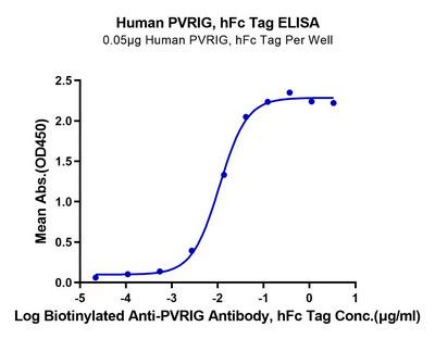
Bioactive HuPro®

PVRIG (Human) Recombinant Protein

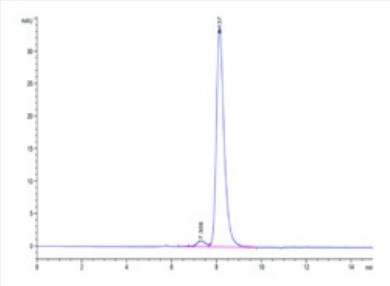
Catalog # P9722 Size 100 ug

Applications



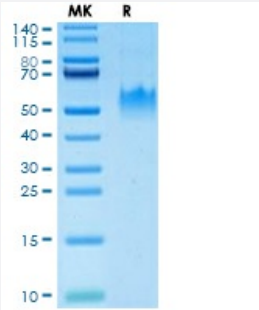
Enzyme-linked Immunoabsorbent Assay

Immobilized Human PVRIG, hFc Tag at 0.5 ug/mL (100 uL/well) on the plate. Dose response curve for Biotinylated Anti-PVRIG Antibody, hFc Tag with the EC50 of 10.9 ng/mL determined by ELISA.



SEC-HPLC

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



Tris-Bis PAGE

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

Specification

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Product Description	Human PVRIG (Q6DKI7, 41 a.a. - 171 a.a.) partial recombinant protein with hFc tag at C-terminus expressed in HEK293 cells.
Sequence	TPEVWVQVRMEATELSSFTIRCGFLGSGSISLVTVSWGGPNGAGGTTLAVLHPERGIRQWAPAR QARWETQSSISLILEGSGASSPCANTTFCCKFASFPEGSWEACGSLPPSSDPGLSAPPTPAPILR AD
Host	Human
Theoretical MW (kDa)	40.42
Form	Lyophilized
Preparation Method	Mammalian cell (Expi293, high-yield transient HEK293) expression system
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	The EC_{50} was 10.9 ng/mL, messured by ELISA at 0.5 ug/mL.
Quality Control Testing	SEC-HPLC and Tris-Bis PAGE SEC-HPLC The purity of Human PVRIG is greater than 95% as determined by SEC-HPLC. Tris-Bis PAGE Human PVRIG 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 PVRIG, hFc Tag at 0.5 ug/mL (100 uL/well) on the plate. Dose response curve for Biotinylated Anti-PVRIG Antibody, hFc Tag with the EC50 of 10.9 ng/mL determined by ELISA.

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- SDS-PAGE

Gene Info — PVRIG

Entrez GeneID	79037
Protein Accession#	Q6DKI7
Gene Name	PVRIG
Gene Alias	C7orf15, MGC104322, MGC138295, MGC138297, MGC2463
Gene Description	poliovirus receptor related immunoglobulin domain containing
Gene Ontology	Hyperlink
Other Designations	-

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