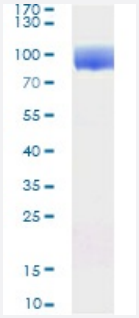
Bioactive HuPro®

PVRL1 (Human) Recombinant Protein

Catalog # P6731 Size 100 ug

Applications



This protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 80-90kDa.

Result of bioactivity analysis

Result of bioactivity analysis

Immobilized Recombinant Human Nectin-3 at 2 ug/mL (100 uL/well) can bind PVRL1 (Human) Recombinant Protein (Cat # P6731) with a linear range of 30-122 ng/mL.

Specification

Product Description	Human PVRL1 (NP_002846.3, 1 a.a. - 334 a.a.) partial recombinant protein with Fc, 6xHis tag at C-terminal expressed in HEK293 cells.
Host	Human
Form	Lyophlized
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Ni-sepharose purification
Purity	> 95% by SDS-PAGE.
Endotoxin Level	< 0.1 EU/ug of the protein by LAL method.

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Activity	Measured by the binding ability in a functional ELISA. Immobilized Recombinant Human Nectin-3 at 2 ug/mL (100 uL/well) can bind PVRL1 (Human) Recombinant Protein (Cat # P6731) with a linear ra nge of 30-122 ng/mL.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue This protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 80-90kDa.
Recommend Usage	SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 0.22 um filtered solution of PBS, pH 7.4.
Storage Instruction	Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution with a concentration of 0.1-0.5 mg/mL in sterile distilled water, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Aliquot to avoid repeated freezing and thawing.
Note	Result of bioactivity analysis Result of bioactivity analysis Immobilized Recombinant Human Nectin-3 at 2 ug/mL (100 uL/well) can bind PVRL1 (Human) Reco mbinant Protein (Cat # P6731) with a linear range of 30-122 ng/mL.

Applications

- SDS-PAGE

Gene Info — PVRL1

Entrez GeneID	5818
Protein Accession#	NP_002846.3; Q15223-1
Gene Name	PVRL1
Gene Alias	CD111, CLPED1, ED4, HlgR, HVEC, MGC142031, MGC16207, OFC7, PRR, PRR1, PVRR, P VRR1, SK-12, nectin-1
Gene Description	poliovirus receptor-related 1 (herpesvirus entry mediator C)
Omim ID	225000 225060 600644
Gene Ontology	Hyperlink
Other Designations	ectodermal dysplasia 4 (Margarita Island type)|herpesvirus entry mediator C|nectin 1|poliovirus re ceptor related|poliovirus receptor-like 1|poliovirus receptor-related 1|poliovirus receptor-related 1 (herpesvirus entry mediator C; nectin)

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Pathway

- Adherens junction
- Cell adhesion molecules (CAMs)

Disease

- Cleft Lip
- Cleft Palate
- Disease Models
- Genetic Predisposition to Disease
- Tobacco Use Disorder
- Tooth Abnormalities

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