

Bioactive

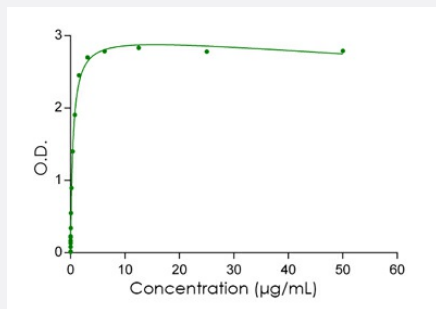
HuPro®

PVR (Human) Recombinant Protein

Catalog # P7585

Size 1 mg

Applications



Result of bioactivity analysis

Result of bioactivity analysis

Specification

Product Description

Human PVR (P15151, 21 a.a. - 343 a.a.) partial recombinant protein with hFc tag at C-terminus expressed in HEK293 cells.

Sequence

WPPPGTGDVVVQAPTQVPGFLGDSVTLP CYLQVPNMEVTHVSQLTWARHGESGSMVVFHQ TQ
GPSYSESKRLEFVAARLGAELRNASLRMFGLRVEDEGNYTCLFVTFPQGSRSVDWLRVLAKPQ
NTAEVQKVQLTGEPVPMARCVSTGGRPPAQITWHS DLGGMPNTSQVPGFLSGTVTVTSLWILVP
SSQVDGKNVTCKVEHESFEKPQLLTVNLT VYYPPEVSISGYDNNWYLGQNEATLTCDARSNPEPT
GYNWSTTMGPLPPFAAQGAQLLRPVDKPI NTTLICNVTNALGARQAELTVQVKEGPPSEHSGISR
N

Host

Mammals

Theoretical MW (kDa)

85-105

Form

Lyophilized

Preparation Method

Mammalian cell (HEK293) expression system

Purity

> 97% by SDS-PAGE

Endotoxin Level

< 0.2 EU per 1 ug of protein (determined by gel clotting method)

Activity

Immobilized PVR/CD155, hFc, Human at 5.0 ug/mL (100 uL/well) can bind biotinylated TIGIT, hFc, Human when detected by Streptavidin-HRP.

Storage Buffer	Lyophilized from sterile distilled Water up to 100 ug/mL
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Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
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Note	Result of bioactivity analysis Result of bioactivity analysis
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Applications

- Functional Study
- SDS-PAGE

Gene Info — PVR

Entrez GeneID	5817
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Protein Accession#	P15151
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Gene Name	PVR
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Gene Alias	CD155, FLJ25946, HVED, NECL5, Necl-5, PVS, TAGE4
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Gene Description	poliovirus receptor
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Omim ID	173850
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Gene Ontology	Hyperlink
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Gene Summary	The protein encoded by this gene is a transmembrane glycoprotein belonging to the immunoglobulin superfamily. The external domain mediates cell attachment to the extracellular matrix molecule vitronectin, while its intracellular domain interacts with the dynein light chain Tctex-1/DYNLT1. The gene is specific to the primate lineage, and serves as a cellular receptor for poliovirus in the first step of poliovirus replication. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
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Other Designations	nectin-like 5
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Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Amyotrophic lateral sclerosis](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Motor Neuron Disease](#)
- [Muscular Atrophy](#)
- [Spinal muscular atrophy](#)