

## Recombinant Human PVRL1 protein, T7/His-tagged

**Cat. No.** PVRL1-106H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human CD111 extracellular domain cDNA (31-355aa, Isoform-1, derived from BC104948) fused with T7-His-TEV cleavage site Tag (29aa) at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	31-355 a.a.
<b>Form</b>	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
<b>AA Sequence</b>	MASMTGGQQMGRGRHHHHHGNLYFQQGGEQVVQVNDSMYGFIGTDVVLHCSFAN PLPSVKITQVTWQKSTNGSKQN VAIYNPSMGVSVLAPYRERVEFLRPSFTDGTIRLS RLELEDEGVYICEFATFPTGNRESQLNLTVMKPTNWIEG TQAVLRAKKGQDDKVL VATCTSANGKPPSVVSWETRLKGEAEYQEIRNPNGT VTVISRYRLVPSREAHQQSL ACI VNYHMDRFKESLTLNVQYEPEVTIEGFDGNWYLQRMDVKLTCKADANPPATEY HWTTLNGSLPKGVEAQNRTLFF KGPINYSLAGTYICEATNPIGTRSGQVEVNITEFP YTPSPPEHGRRAGPVPTA
<b>Purity</b>	>90% by SDS-PAGE
<b>Applications</b>	1. May be used for in vitro cell receptors interaction for epithelial, endothelial and neuronal differentiation regulations study with this protein as coating matrix protein.2.

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May be used for CD111 protein-protein interaction assay<sup>3</sup>. May be used for specific antibody production.

**Storage**

Keep at -80centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.

## GENE INFORMATION

**Gene Name** [PVRL1 poliovirus receptor-related 1 \(herpesvirus entry mediator C\) \[ Homo sapiens \]](#)

**Official Symbol** [PVRL1](#)

**Synonyms**

PVRL1; poliovirus receptor-related 1 (herpesvirus entry mediator C); ED4, HVEC; poliovirus receptor-related protein 1; CD111; CLPED1; HIgR; nectin; OFC7; PRR; PRR1; PVRR1; SK 12; nectin 1; poliovirus receptor-like 1; herpesvirus Ig-like receptor; herpes v

**Gene ID** [5818](#)

**mRNA Refseq** [NM\\_002855](#)

**Protein Refseq** [NP\\_002846](#)

**MIM** [600644](#)

**UniProt ID** [Q15223](#)

**Chromosome Location** 11q23-q24

**Pathway** Adherens junction, organism-specific biosystem; Adherens junction, conserved

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biosystem; Adherens junctions interactions, organism-specific biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cell junction organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem;

**Function**

carbohydrate binding; cell adhesion molecule binding; coreceptor activity; protein binding; protein heterodimerization activity; protein homodimerization activity; receptor activity; virion binding;

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