

Recombinant Human PVRL1 protein, T7/His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	E.coli
ProteinLength	31-355 a.a.
Form	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.
AA Sequence	MASMTGGGQQMGRGHHHHHHGNLYFQGGEQVVQVNDSMYGFIGTDVVLHCSFAN PLPSVKITQVTWQKSTNGSKQN VAIYNPSMGVSVLAPYRERVEFLRPSFTDGTIRLS RLELEDEGVYICEFATFPTGNRESQLNLTVMKPTNWIEG TQAVLRAKKGQDDKVL VATCTSANGKPPSVVSWETRLKGAEYQEIRNPNGTVTVISRYRLVPSREAHQQSL ACI VNYHMDRFKESLTLNVQYEPEVTIEGFDGNWYLQRM DVKLTCKADANPPATEY HWTTLNGSLPKGVEAQNRTLFF KGPINYSLAGTYICEATNPIGTRSGQVEVNITEFP YTPSPPEHGRRAGPVPTA
Purity	>90% by SDS-PAGE
Applications	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 assay³. 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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