

## Recombinant Human PVRL2 protein, T7/His-tagged

**Cat. No.** PVRL2-40H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human CD112 extracellular domain cDNA (32 - 350 aa, Isoform-a, derived from BC003091) 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>	32-350 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, arginine, DTT and Glycerol.
<b>AA Sequence</b>	MASMTGGGQQMGRGHHHHHHGNLYFQQGGEQDVRVQVLPEVRGQLGGTVELPCHL LPPVPGLYISLVTWQRPDAPAN HQNVAAFHPKMGPSFSPKPGSERLSFVSAKQST GQDTEAELQDATLALHGLTVEDEGNYTCEFATFPKGSVRGM TWLRVIAKPKNQAE AQKVTFQSQDPTTVALCISKEGRPPARISWLSSLDWEAKETQVSGTLAGTVTVTSRFT LVPS GRADGVTVTCKVEHESFEEPALIPVTLVRYPPPEVSISGYDDNWYLGRTDRTL SCDVRSNPEPTGYDWSTTSGTF PTSAVAQGSQVLVIHAVDSLNTTFVCTVTNAVGM GRAEQVIFVRETP
<b>Purity</b>	>90% by SDS-PAGE
<b>Applications</b>	1. May be used for in vitro cell receptors interaction for hematopoietic, endothelial differentiation regulations study coating with this protein.2. May be used for protein-

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protein interaction assay development.3. Potential diagnostic biomarker protein for acute myeloid leukemia.4. As antigen 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** [PVRL2 poliovirus receptor-related 2 \(herpesvirus entry mediator B\) \[ Homo sapiens \]](#)

**Official Symbol** [PVRL2](#)

**Synonyms** PVRL2; poliovirus receptor-related 2 (herpesvirus entry mediator B); HVEB; poliovirus receptor-related protein 2; CD112; PRR2; PVRR2; nectin-2; poliovirus receptor-like 2; herpesvirus entry protein B;

**Gene ID** [5819](#)

**mRNA Refseq** [NM\\_001042724](#)

**Protein Refseq** [NP\\_001036189](#)

**MIM** [600798](#)

**UniProt ID** [Q92692](#)

**Chromosome Location** 19q13.2-q13.4

**Pathway** Adaptive Immune System, organism-specific biosystem; Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Adherens

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

**Function**

cell adhesion molecule binding; coreceptor activity; protein binding; protein homodimerization activity; protein homodimerization activity; receptor activity;

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