

Recombinant Human PVRL2 protein, T7/His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	E.coli
ProteinLength	32-350 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, arginine, DTT and Glycerol.
AA Sequence	MASMTGGGQQMGRGHHHHHHGNLYFQGGEQDVRVQVLPEVRGQLGGTVELPCHL LPPVPGLYISLVTWQRPDAPAN HQNVAAFHPKMGPSFSPKPGSERLSFVSAKQST GQDTEAELQDATLALHGLTVEDEGNYTCEFATFPKGSVRGM TWLRVIAPKPNQAE AQKVTFSDQPTTVALCISKEGRPPARISWLSSLDWEAKETQVSGTLAGTVTVTSRFT LVPS GRADGVTVTCKVEHESFEEDALIPVTLVRYPPPEVSISGYDDNWYLGRTDNL SCDVRNPEPTGYDWSTTSGTF PTSAVAQGSQVLVIHAVDSLNTTFVCTVTNAVGM GRAEQVIFVRETP
Purity	>90% by SDS-PAGE
Applications	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-

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA