

Active Recombinant Human PVRL1 protein, hFc-tagged

Cat. No. PVRL1-1947H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human PVRL1 protein(NP_002846.3)(Met1-Thr334), fused with hFc tag, was expressed in HEK293. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | Met1-Thr334 |
| Form | Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA. |
| Bio-activity | Immobilized NECTIN4/Nectin 4 Protein, Human, Recombinant (ECD, His Tag) at 2 µg/ml (100 µl/well) can bind PVRL1/NECTIN1 Protein, Human, Recombinant (hFc Tag), the EC50 of PVRL1/NECTIN1 Protein, Human, Recombinant (hFc Tag)is 20-120 ng/mL. |
| Molecular Mass | The recombinant human PVRL1/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 545 amino acids and predicts a molecular mass of 61 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhPVRL1/Fc monomer is approximately 75-85 kDa due to glycosylation. |
| Endotoxin | < 1.0 EU per µg of the protein as determined by the LAL method |

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| Purity | > 98 % as determined by SDS-PAGE |
| Storage | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| Reconstitution | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents. |

GENE INFORMATION

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| 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 virus entry mediator C; ectodermal dysplasia 4 (Margarita Island type); ED4; HVEC; PVRR; SK-12; nectin-1; MGC16207; MGC142031; |
| Gene ID | 5818 |
| mRNA Refseq | NM_002855 |
| Protein Refseq | NP_002846 |
| MIM | 600644 |
| UniProt ID | Q15223 |

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