

# Recombinant Human PVRL1 Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP07966

**Protein Name:** Nectin Cell Adhesion Molecule 1 (PVRL1)

**Aliases:** nectin cell adhesion molecule 1

**UniProt ID:** Q15223

**UniProt Link:** <https://www.uniprot.org/uniprotkb/Q15223/entry>

**Species Source:** Homo sapiens (Human)

**Expression System:** Mammalian cell

**Protein Length:** Partial (31-334aa)

**Molecular Weight:** 38.5 kDa

**Protein Tag:** C-terminal 10xHis-Avi-tagged

## 2. Amino Acid Sequence (31-334aa)

QVVQVNDSMYGFIGTDVVLHCSFANPLPSVKITQVTWQKSTNGSKQNVAIYNPSMG  
VSVLAPYRERVEFLRPSFTDGTIRLSRLELEDEGVYICEFATFPTGNRESQLNLTVM  
AKPTNWIEGTQAVLRAKKGQDDKVLVATCTSANGKPPSVVSWETRLKGEAEYQEIR  
NPNGTVTVISRYRLVPSREAHQQSLACIVNYHMDRFKESLTLNVQYEPEVTIEGFDG  
NWYLQRMDVKLTCKADANPPATEYHWTTLNGSLPKGVEAQNRTLFFKGPINYSLA  
GTYICEATNPIGTRSGQVEVNIT

## 3. Storage Buffer

**Liquid Delivery Form:** Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

**Lyophilized Powder Delivery Form:** Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

## 4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the



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protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

## 5. Product Description

This product is a recombinant Human PVRL1 partial protein (31-334aa) expressed in Mammalian cell. The protein is with 10xHis-Avi tag at the C-terminus, which facilitates protein purification, detection and identification. PVRL1, also known as nectin cell adhesion molecule 1, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

## 6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.