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## PVRL4 Protein (AA 31-347) (His tag)





#### Overview

| Quantity:                     | 50 μg  |
|-------------------------------|--|
| Target:                       | PVRL4  |
| Protein Characteristics:      | AA 31-347                                    |
| Origin:                       | Mouse  |
| Source:                       | Mammalian Cells                              |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This PVRL4 protein is labelled with His tag. |

### **Product Details**

| Purpose:         | Recombinant mouse Nectin-4 protein with C-terminal 10xHis tag   |
|------------------|---|
| Specificity:     | Mouse Nectin-4 (Gly31-Ser347) 10xHis tag  |
| Characteristics: | Extracellular Domain Protein  |
| Purification:    | Purified from cell culture supernatant by affinity chromatography                                     |
| Purity:          | The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining. |

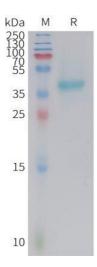
### **Target Details**

| Target:           | PVRL4  |
|-------------------|--|
| Alternative Name: | Nectin-4 (PVRL4 Products)  |
| Background:       | Predicted to enable identical protein binding activity. Predicted to be involved in heterophilic |

Expiry Date:

12 months

| rarget Details      |   |
|---------------------|---|
|                     | cell-cell adhesion via plasma membrane cell adhesion molecules and homophilic cell adhesion via plasma membrane adhesion molecules. Predicted to act upstream of or within cell-cell adhesion. Predicted to be located in plasma membrane. Predicted to be active in adherens junction. Is expressed in several structures, including alimentary system, genitourinary system, nose, respiratory system, and skin. Orthologous to human NECTIN4 (nectin cell adhesion |
|                     | molecule 4). [provided by Alliance of Genome Resources, Apr 2022]   |
| Molecular Weight:   | predicted molecular mass of 35.7 kDa after removal of the signal peptide. The apparent molecular mass of mNectin-4-His is 35-55 kDa due to glycosylation.   |
| UniProt:            | Q8R007  |
| Pathways:           | Cell-Cell Junction Organization   |
| Application Details |   |
| Restrictions:       | For Research Use only   |
| Handling            |   |
| Format:             | Lyophilized   |
| Buffer:             | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.   |
| Storage:            | -20 °C,-80 °C   |
| Storage Comment:    | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  Lyophilized proteins are shipped at ambient temperature.  |



#### **SDS-PAGE**

**Image 1.** Mouse Nectin-4 Protein, His Tag on SDS-PAGE under reducing condition.