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Datasheet for ABIN7538481

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

1 Image

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

Target 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.

Expiry Date: 12 months



SDS-PAGE

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