PRODUCT INFORMATION

Target	Nectin-4
Synonyms	Prr4; Pvrl4
Description	Recombinant mouse Nectin-4 protein with C-terminal 10×His tag
Delivery	In Stock
Uniprot ID	Q8R007
Expression Host	HEK293
Tag	C-10×His tag
Molecular Characterization	Mouse Nectin-4(Gly31-Ser347) 10×His tag
Molecular Weight	The protein has a predicted molecular mass of 35.7 kDa after removal of the signal peptide. The apparent molecular mass of mNectin-4-His is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Storage&Shipping	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.
Background	Predicted to enable identical protein binding activity. Predicted to be involved in heterophilic 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]
Usage	Research use only

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Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China
Telephone: +1 2409940618(USA)
/+86-18062749453(China)
/+86-400-006-0995(China)

Email: info@dimabio.com
Website: www.dimabio.com

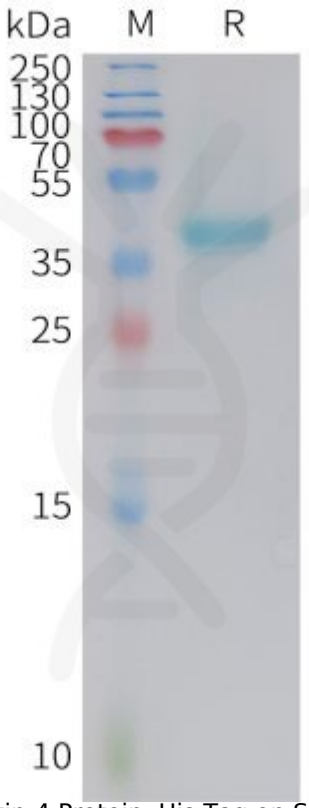


Figure 1. Mouse Nectin-4 Protein, His Tag on SDS-PAGE under reducing condition.

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