

Mouse Nectin-4 Protein

Cat. No. NEC-MM104

Description

Source	Recombinant Mouse Nectin-4 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gly31-Ser347.
Accession	Q8R007
Molecular Weight	The protein has a predicted MW of 35.4 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

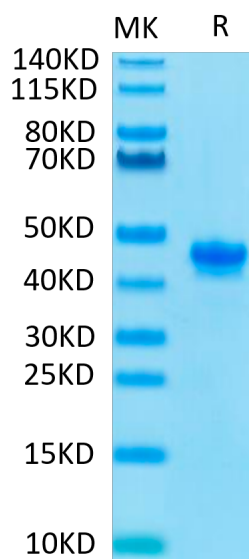
Formulation	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 $\mu\text{g}/\text{ml}$ is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Nectin-4 seems to be involved in cell adhesion through trans-homophilic and -heterophilic interactions, the latter including specifically interactions with NECTIN1. Does not act as receptor for alpha-herpesvirus entry into cells. (Microbial infection) Acts as a receptor for measles virus.

Assay Data

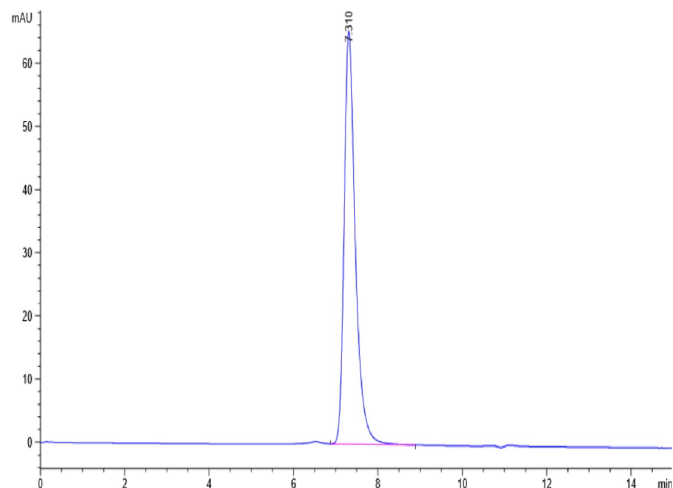
Bis-Tris PAGE



Mouse Nectin-4 on Bis-Tris PAGE under reduced conditions. The purity is greater than 95%.

SEC-HPLC

Assay Data

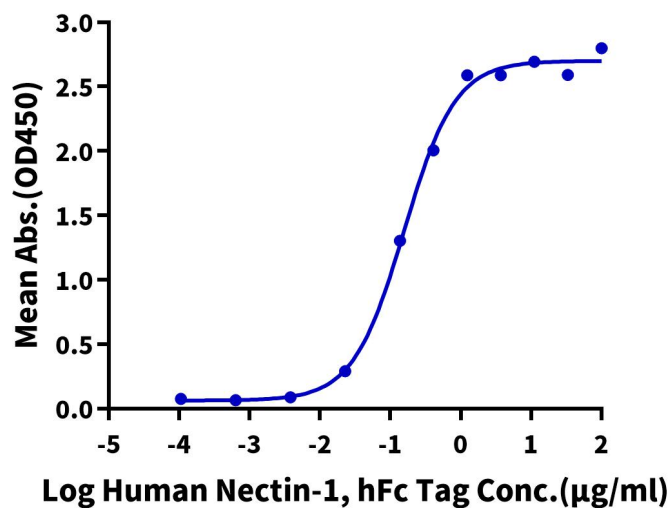


The purity of Mouse Nectin-4 is greater than 95% as determined by SEC-HPLC.

ELISA Data

Mouse Nectin-4, His Tag ELISA

0.2µg Mouse Nectin-4, His Tag Per Well



Immobilized Mouse Nectin-4, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Human Nectin-1, hFc Tag with the EC50 of 0.16µg/ml determined by ELISA.