

Cynomolgus Nectin-4 Protein

Cat. No. NEC-CM104



Description

Source	Recombinant Cynomolgus Nectin-4 Protein is expressed from Expi293 with His tag at the C-terminal. It contains Gly32-Val351.
Accession	XP_005541277.1
Molecular Weight	The protein has a predicted MW of 35.9 kDa. Due to glycosylation, the protein migrates to 38-48 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Formulation and Storage

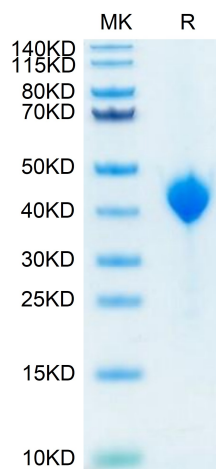
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended (usually we use 1mg/ml solution for lyophilization). Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -20 to -80°C for 3-6 months in unopened state after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please avoid 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

Tris-Bis PAGE



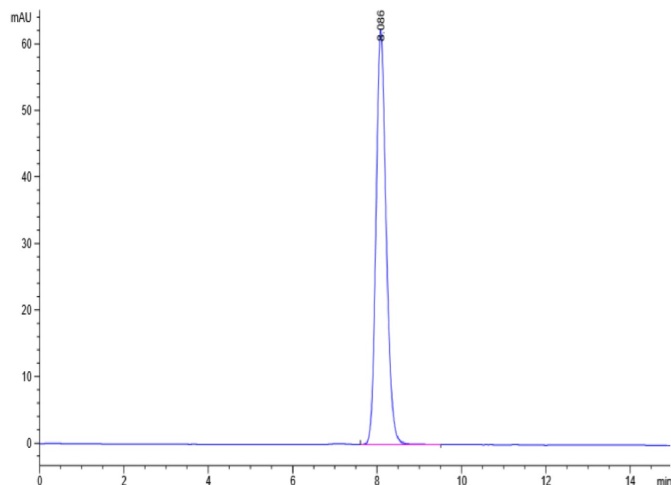
Cynomolgus Nectin-4 on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.

SEC-HPLC

Cynomolgus Nectin-4 Protein

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Assay Data

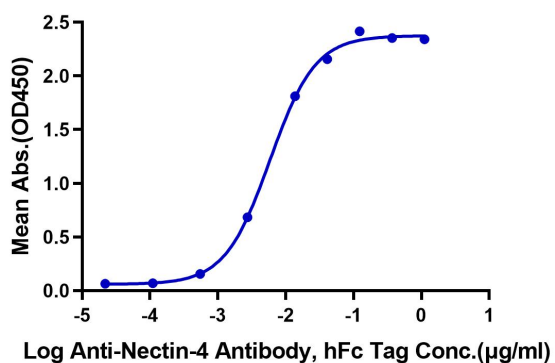


The purity of Cynomolgus Nectin-4 is greater than 95% as determined by SEC-HPLC.

ELISA Data

Cynomolgus Nectin-4, His Tag ELISA

0.05 μ g Cynomolgus Nectin-4, His Tag Per Well



Immobilized Cynomolgus Nectin-4, His Tag at 0.5 μ g/ml (100 μ l/Well) on the plate. Dose response curve for Anti-Nectin-4 Antibody, hFc Tag with the EC50 of 5.9ng/ml determined by ELISA.