Cynomolgus Nectin-2/CD112 Protein

Cat. No. NEC-CM102

Description

Source	Recombinant Cynomolgus Nectin-2/CD112 Protein is expressed from HEK293 with His tag at the C-Terminus.
	It contains Gln32-Gly360.
Accession	A0A2K5U084
Molecular Weight	The protein has a predicted MW of 36.53 kDa. Due to glycosylation, the protein migrates to 50-65 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

Formulation and Storage

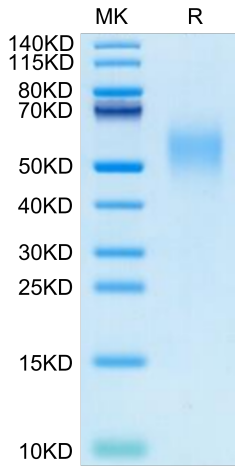
Formulation	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 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-2 is an adhesion molecule that has been reported to play a role in tumor growth, metastasis and tumor angiogenesis. Nectin-2 expression in ovarian cancer may support tumor cell adhesion, leading to growth and lymph node metastasis. Effect of VEGF on Nectin-2 expression as well as permeability was investigated in HUVEC.

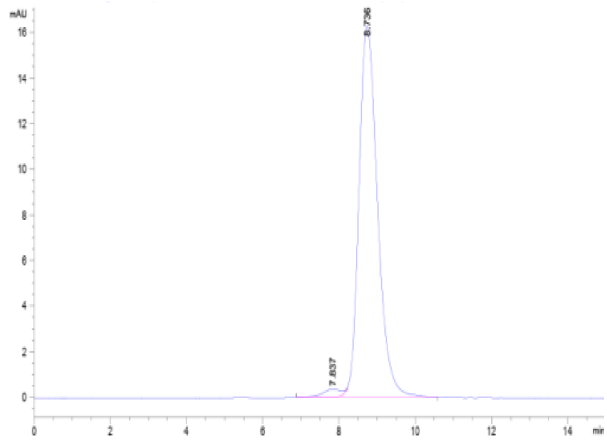
Assay Data

Bis-Tris PAGE



Cynomolgus Nectin-2 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Cynomolgus Nectin-2 is greater than 95% as determined by SEC-HPLC.