Active Recombinant Cynomolgus NRP1 protein

Cat. No. NRP1-1219C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus NRP1 protein (G7PEQ1) (Met1-Gly613) was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Met1-Gly613
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to bind biotinylated human VEGF165 in functional ELISA.
Molecular Mass	The recombinant cynomolgus NRP1 is a disulfide-linked homodimer. The reduced monomer comprises 599 amino acids and has a calculated molecular mass of 67.5 KDa.The apparent molecular mass of the protein is approximately 67-77 KDa in SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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	Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

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