

Active Recombinant Cynomolgus NRP1 protein(Met1-Gly613), His-tagged

Cat. No. NRP1-1218C **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Cynomolgus NRP1 (XP_005564993.1) (Met1-Gly613) was expressed in HEK293 with a polyhistidine tag at the C-terminus. |
| 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 | Immobilized VEGF165 Protein, Human, Cynomolgus, Recombinant at 2 µg/mL (100 µL/well) can bind Neuropilin-1 Protein, Cynomolgus, Recombinant (His Tag), the EC50 is 260-980 ng/mL. |
| Molecular Mass | The recombinant cynomolgus NRP1 consists 603 amino acids and predicts a molecular mass of 68.1 kDa. |
| Endotoxin | < 1.0 EU per µg protein as determined by the LAL method. |
| Purity | > 95 % 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 that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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