

## Recombinant Cynomolgus NRP1, LEVLFQ tagged

**Cat. No.** NRP1-158C    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Cynomolgus NRP1 (G7PEQ1) (Met1-Gly613), fused with six amino acids (LEVLFQ) at the C-terminus, was produced in Human Cells.
<b>Species</b>	Cynomolgus
<b>Source</b>	Human Cells
<b>ProteinLength</b>	1-613 a.a.
<b>Predicted N Terminal</b>	Ala 25
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>85 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.

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**Storage** Store it under sterile conditions at -20oC~-70oC. 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. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [NRP1?neuropilin 1 \[?Macaca fascicularis?\(crab-eating macaque\) \]](#)

**Official Symbol** NRP1

**Gene ID** [102145235](#)

**mRNA Refseq** [XM\\_005564939](#)

**Protein Refseq** [XP\\_005564996](#)

**Chromosome Location** 9

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