

## 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**

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