

# Rat NRP1 Recombinant Protein



RPPB0798

## Product Information Protein Information

### Product SKU:

RPPB0798

### Accession:

Q9QWJ9

### Host:

Sf9, Baculovirus cells.

### Protein description:

NRP1 Rat Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 842 amino acids (22-855 a.a.) and having a molecular mass of 94.8kDa (Migrates at 100-150kDa on SDS-PAGE under reducing conditions).NRP1 is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

### Appearance:

Sterile Filtered colorless solution.

### Synonyms:

Neuropilin-1, Vascular endothelial cell growth factor 165 receptor, CD304, Nrp1.

### Formulation:

NRP1 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

### Purity:

Greater than 90.0% as determined by SDS-PAGE.

### Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Amino Acid Sequence:

FRSDKCGGTI KIENPGYLTS PGYPHSYHPS EKCEWLIQAP EPYQRIMINF NPHFDLEDRD CKYDYVEVID  
GENEGGRLWG KFCGKIAPSP VVSSGPFLFI KFSVDYETHG AGFSIRYEIF KRGPECSQNY TAPTGVKSP  
GFPEKYPNSL ECTYIIFAPK MSEIILEFES FDLEQDSNPP GGVFCRYDRL EIWDGFPEVG PHIGRYCGQK  
TPGRIRSSSG ILSMVFYTDS AIAKEGFSAN YSVLQSSISE DFKCMEALGM ESGEIHSQDI TASSQYGTNW  
SVERSRLNYP ENGWTPGEDS YREWIQVDLG LLRFVTAVGT QGAISKETKK KYYVKTYRVD ISSNGEDWIT  
LKEGNKAIIF QGNTNPTDVV FGVFPKPLIT RFVRIKPASW ETGISMRFEV YGCKITDYPC SGMLGMVSGL  
ISDSQITASN QGDRNWMPEN IRLVTSRTGW ALPPSPHPYI NEWLQVDLGD EKIVRGVIIQ GGHRENKVF  
MRKFKIAYSN NGSDWKMIMD DSKRKAKSFE GNNNYDTPEL RAFTPLSTRF IRIYPERATH SGLGLRMELL  
GCEVEVPTAG PTPPNGNPVD ECDDDDQANCH SGTGDDDFQLT GGTTVLATEK PTIIDSTIQS EFPTYGFNCE  
FGWGSHTKFC HWEHDSHAQL RWRVLTSKGT PIQDHTGDGN FIYSQADENQ KGKVARLVSP VVYSQSSAHC  
MTFWYHMSGV HVGTLRVKLH YQKPEEYDQL VWMVVGHQGD HWKEGRVLLH KSLKLYQVIF EGEIGKGNLQ  
GIAVDDISIN NHIPQEDCAK PTDLDKKNTE IKIDETGSTP GYEEGKGDKN ISRKPGNVLK TLDPLEHHHH HH