



## Rat Neuropilin-1 /NRP1 (glycosylated, InCs)

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

*PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING*

Size	Order#	Lot#	Expiry Date
5 µg	1770.972.005		
50 µg	1770.972.050		

Please enquire for bulk quantities and other vial sizes.

### 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 94.8 kDa (Migrates at 100-150kDa on SDS-PAGE under reducing conditions).NRP1 is expressed with an 8 amino acid His tag at C-Terminus.

- **Source** Insect cells
- **Purity** ≥ 90 % (SDS-PAGE)
- **Endotoxin Level** ≤ 0.1 ng/µg (≤ 1 EU/µg)
- **Buffer** NRP1 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10 % glycerol\*
- **Physical State** Sterile filtered colorless solution

### 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, order number: 2835.955.xyz or 2835.958.xyz, or BSA, order number: 2835.919.xyz). **Please avoid repeated freeze-thaw cycles.**

### Amino Acid Sequence

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FRSDKCGGTI KIENPGYLTS PGYPHSYHPS EKCEWLIQAP EPYQRIMINF NPHFDLEDRD CKYDYVEVID
GENEGGRLWG KFCGKIAPSP VVSSGPFLFI KFVSDYETHG AGFSIRYEIF KRGPECSQNY TAPTGVIKSP
GFPEKYPNLS ECTYIIFAPK MSEIILEFES FDLEQDSNPP GGVFRCYDRL EIWDGFPEVG PHIGRYCGQK
TPGRIRSSSG ILSMVFYTDS AIAKEGFSAN YSVLQSSISE DFKCMEALGM ESGEIHSQDI TASSQYGTNW
SVERSRLNYP ENGWTPEGDS YREWIQVDLG LLRFVTVAVGT QGAIKTKK KYYVKTYRVD ISSNGEDWIT
LKEGNKAIIF QGNTNPTDVV FGVFPKPLIT RFVRIKPASW ETGISMRFEV YGCKITDYPG SGMGLMVSGL
ISDSQITASN QGDRNWMPEN IRLVTSRTGW ALPPSPHPYI NEWLQVDLGD EKIVRGVVIQ GKGHRENKVF
MRKFKIAYSN NGSDWKMIMD DSKRKAKSFE GNNNYDTPPEL RAFTPLSTRF IRIYPERATH SGLGLRMELL
GCEVEVPTAG PTTPNGNPVD ECDDDQANCH SGTGDDFQLT GGTTVLATEK PTIIDSTIQS EFPPTYGFNCE
FGWGSKHTFC HWEHDSHAQL RWRVLTSTGT PIQDHTGDGN FIYSQADENQ KGKVARLVSP VVYSQSSAHC
MTFWYHMSGH HVGTLRVKLN YQKPEEYDQL VWMVVGHQGD HWKEGRVLLH KSLKLYQVIF EGEIGKGNLH
GIAVDDISIN NHIPQEDCAK PTDLDKKNTK IKIDETGSTP GYEEGKGDKN ISRKPNGVLK TLDPLEHHHH
HH
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**Usage:** For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

\*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.