



Item Number	rAP-2709
Synonyms	Neuropilin-1, A5 protein, CD304, Nrp1, Nrp.
Description	NRP1 Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 843 amino acids (22-856 a.a.) and having a molecular mass of 94.7kDa (Migrates at 100-150kDa on SDS-PAGE under reducing conditions).NRP1 is expressed with an 8 amino acid His tag at C-
Uniprot Accession Number	P97333
Amino Acid Sequence	FRSDKCGGTI KIENPGYLTS PGYPHSYHPS EKCEWLIQAP EPYQRIMINF NPHFDLED RD CKYDYVEVID GENEGGRLWG KFCGKIAPSP VVSSGPFLFI KfvSDYETHG AGFSIRYEIF KRGPECSQNY TAPTGVIKSP GFPEKYPNSL ECTYIIFAPK MSEIILEFES FDLEQDSNPP GGMFCRYDRL EIWDGFPEVG PHIGRYCGQK TPGRIRSSSG VLsMVfYTDS AIAKEGFSAN YSVLQSSISE DFKCMEALGM ESGEI- HSDQITASSQYGTNW SVERSRLNYP ENGwTPGEDS YKEWlQVDLG LLRFVTAVGT QGAISKETKK KYyVKTYRVD ISSNGEDWIS LKEGNKAIf QGNTNPTDVV LGVFskPLIT RFVRIKPVSW ETGISMRFEV
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	NRP1 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 20% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**