

Active Recombinant Human NRP2 protein, His-tagged

Cat. No. NRP2-0517H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NRP2 protein(Arg21-Pro864), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	21-864 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human Neuropilin-2, His Tag at 2 µg/mL (100 µL/well) can bind Biotinylated Human VEGF165, His,Avitag with a linear range of 0.005-0.625 µg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 97.0 kDa. The protein migrates as 105-125 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Arg21-Pro864
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.>90% as determined by SEC-MALS.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
GENE INFORMATION	
Gene Name	NRP2 neuropilin 2 [Homo sapiens]
Official Symbol	NRP2
Synonyms	NRP2; neuropilin 2; neuropilin-2; VEGF165R2; neuropilin-2b(0); neuropilin-2a(17); neuropilin-2a(22); receptor for VEGF165 and semaphorins class3; vascular endothelial cell growth factor 165 receptor 2; NP2; NPN2; PRO2714; MGC126574;
Gene ID	8828
mRNA Refseq	NM_003872
Protein Refseq	NP_003863
MIM	602070
UniProt ID	O60462