

Active Recombinant Human NRP2 protein, His-tagged

Cat. No. NRP2-818H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human NRP2 protein(Met 1-Tyr 855)(NP_003863.2) was expressed in HEK293 with a C-terminal polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	1-855 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized recombinant human Neuropilin-2 at 2.5 µg/ml (100 µl/well) can bind recombinant human VEGF165 and EC50 value is 0.57 nM.
Molecular Mass	The recombinant human NRP2 consists of 844 amino acids and has a calculated molecular mass of 95 kDa. The apparent molecular mass of rhNRP2 is approximately 100-110 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

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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](#)

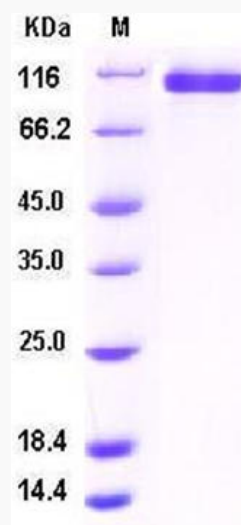
UniProt ID [O60462](#)

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SDS-PAGE



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