PRODUCT INFORMATION

Target	NRP2
Synonyms	NP2;NPN2;PRO2714;VEGF165R2
Description	Recombinant Human NRP2 Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	O60462
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	NRP2(Arg21-Pro864) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 95.9 kDa after removal of the signal peptide. The apparent molecular mass of NRP2-His is approximately 100-130 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	This gene encodes a member of the neuropilin family of receptor proteins. The encoded transmembrane protein binds to SEMA3C protein {sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C} and SEMA3F protein {sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3F}, and interacts with vascular endothelial growth factor (VEGF). This protein may play a role in cardiovascular development, axon guidance, and tumorigenesis. Multiple transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

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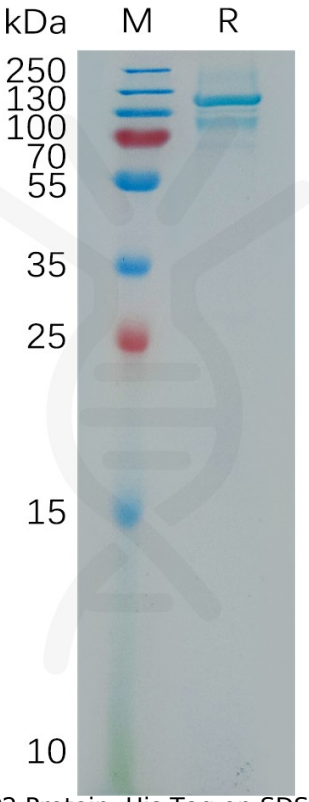


Figure 1. Human NRP2 Protein, His Tag on SDS-PAGE under reducing condition.

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