

## Datasheet for ABIN7491261

# NRP2 Protein (AA 21-864) (His tag)





#### Overview

Quantity:	100 μg
Target:	NRP2
Protein Characteristics:	AA 21-864
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NRP2 protein is labelled with His tag.

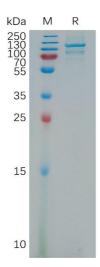
### **Product Details**

Purpose:	Recombinant Human NRP2 Protein with C-terminal 6xHis tag
Specificity:	NRP2 (Arg21-Pro864) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

### **Target Details**

Target:	NRP2
Alternative Name:	NRP2 (NRP2 Products)
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]
Molecular Weight:	predicted molecular mass of 95.9 kDa after removal of the signal peptide. The apparent molecular mass of NRP2-His is 100-130 kDa due to glycosylation.
UniProt:	060462
Pathways:	Signaling Events mediated by VEGFR1 and VEGFR2, VEGFR1 Specific Signals
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	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.
Expiry Date:	12 months



#### **SDS-PAGE**

**Image 1.** Human Protein, His Tag on SDS-PAGE under reducing condition.