

Datasheet for ABIN7491261
NRP2 Protein (AA 21-864) (His tag)



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1 Image

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

Target Details

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: [O60462](#)

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.