

# Recombinant Human Neuropilin-2/NRP2/VEGF165R2 Protein

RPCB0364



## Product Information

**Product SKU:** RPCB0364      **Gene ID:** 8828      **Size:** 10µg  
**Tag:** C-His      **Reactivity:** Human

## Additional Information

**Expression Host:** HEK293 cells      **Swissprot:** O60462  
**Purity:** > 90% by SDS-PAGE.

## Protein Information

**Background:** Neuropilin-2 (NRP-2) is a 120 kDa, type I transmembrane (TM) glycoprotein that is related to the semaphorin receptor now known as Neuropilin-1. Neuropilin-2 (NRP-2) 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). NRP-2 is well known for its role in facilitating axonal guidance during the development of the neuronal system, and additionally, it is also expressed in vascular endothelial cells and lymphatic endothelium where it affects proliferation, migration, angiogenesis, as well as formation of small lymphatic vessels and capillaries. Nearly all tumor cells express neuropilins and NRP-2 is predominantly expressed in neuronal tumors and melanomas.

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Human Neuropilin-2/NRP2/VEGF165R2 Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

**Endotoxin:** < 0.1 EU/µg of the protein by LAL method.

**Formulation:** Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

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**Storage:**

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.