

Recombinant Human Neuropilin-2/NRP2/VEGF165R2 Protein

RPCB1872

Protein Information

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|-----------------------|--------------------------------|------------------------|-------------|
| Size: | 10 µg , 20 µg , 50 µg , 100 µg | Tag: | C-hFc&6*His |
| Reactivity: | Human | Expressed Host: | - |
| Calculated MW: | 123.17 kDa | Observed MW: | 140-180 kDa |

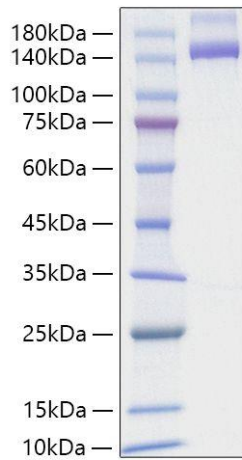
Background

Neuropilin-1 (Npn-1, previously known as neuropilin) and Neuropilin-2 (previously known as Npn-1-related molecule) are type I transmembrane proteins that bind distinct members of the class III secreted semaphorin subfamily that are implicated in repulsive axon guidance. Neuropilin extracellular domains contain two CUB (complement-binding) domains, two domains with homology to coagulation factors V and VIII, and a MAM (meprin) domain. In the absence of ligands, neuropilins can form homo- and hetero-oligomers via their MAM domains. Expression in developing neurons of the central and peripheral nervous systems is somewhat overlapping but distinct. Npn-1 and Npn-2 are also receptors for VEGF165 on endothelial and tumor cells.

Properties

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|---------------------|---|
| Synonyms: | NP2, NPN2, PRO2714, VEGF165R2, NRP2, neuropilin 2 |
| Gene ID: | 8828 |
| Endotoxin: | < 0.1 EU/µg of the protein by LAL method. |
| Description: | High quality, high purity and low endotoxin recombinant Recombinant Human Neuropilin-2/NRP2/VEGF165R2 Protein (RPCB1872), tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed. |
| Purity: | ≥ 90% as determined by SDS-PAGE. |
| 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. |

Validation Data



Recombinant Human Neuropilin-2/NRP2/VEGF165R2 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.