Recombinant Human Neuropilin-1/NRP1/VEGF165R/CD304 Protein

RPCB0353

Protein Information

Size:	10 µg , 20 µg , 50 µg	**Tag:**	C-His
Reactivity:	Human	**Expressed Host:**	-
Calculated MW:	70.79 kDa	**Observerd MW:**	90-110 kDa

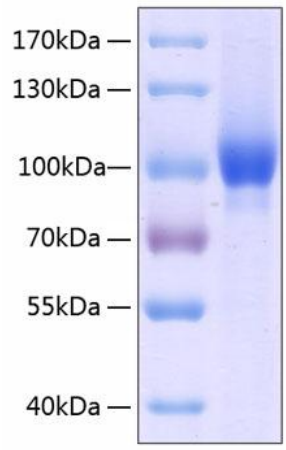
Background

Neuropilins contain a large N-terminal extracellular domain, made up of complement-binding, coagulation factor V/VIII, and meprin domains. These proteins also contains a short membrane-spanning domain and a small cytoplasmic domain. Neuropilins bind many ligands and various types of co-receptors; they affect cell survival, migration, and attraction. Some of the ligands and co-receptors bound by neuropilins are vascular endothelial growth factor (VEGF) and semaphorin family members.

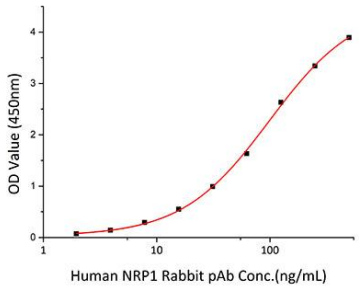
Properties

Synonyms:	BDCA4, CD304, NP1, NRP, VEGF165R, Neuropilin-1, NRP1
Gene ID:	8829
Endotoxin:	< 0.1 EU/µg of the protein by LAL method.
Description:	High quality, high purity and low endotoxin recombinant Recombinant Human Neuropilin-1/NRP1/VEGF165R/CD304 Protein (RPCB0353), tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.
Purity:	≥ 95 % as determined by SDS-PAGE.
Storage:	Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.

Validation Data



Recombinant Human Neuropilin-1/NRP1/VEGF165R/CD304 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized recombinant Human NRP1 Protein at 2μg/mL (100 μL/well) can bind NRP1 Rabbit pAb with a linear range of 1.9-98.96ng/mL.