Neuropilin-2 Protein, Mouse (864a.a, HEK293, His)

Cat. No.:	HY-P73315
Synonyms:	Neuropilin-2; NRP2; VEGF165R2
Species:	Mouse
Source:	HEK293
Accession:	O35375 (M1-P864)
Gene ID:	18187
Molecular Weight:	Approximately 96.5 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	Neuropilin-2 protein is a high affinity receptor for semaphorins 3C and 3F, the VEGF-165 and VEGF-145 isoforms of VEGF, and the PLGF-2 isoform of PGF. It forms a heterodimer with NRP1 and also binds to PLXNB1, similar to NRP1.

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