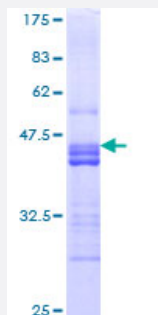


NRP2 (Human) Recombinant Protein (Q01)

Catalog # H00008828-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NRP2 partial ORF (NP_957718, 22 a.a. - 131 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	GQPDPPCGGRLNSKDAGYITSPGY PQDYPSHQNCEWVYAPEPNQKIVLNFNPHFEIEKHDCKYD FIEIRDGDSEADLLGKHCGNIAPPTIISSGSMLYKFTSDYARQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (94); Rat (93)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NRP2

Entrez GeneID [8828](#)

GeneBank Accession# [NM_201266](#)

Protein Accession# [NP_957718](#)

Gene Name NRP2

Gene Alias MGC126574, NP2, NPN2, PRO2714, VEGF165R2

Gene Description neuropilin 2

Omim ID [602070](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the neuropilin family of receptor proteins. The encoded 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]

Other Designations neuropilin-2a(17)|neuropilin-2a(22)|neuropilin-2b(0)|receptor for VEGF165 and semaphorins class3|vascular endothelial growth factor-165 receptor 2

Disease

- [Autistic Disorder](#)
- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Hot Flashes](#)
- [Kidney Failure](#)
- [Lymphedema](#)
- [Neoplasm Invasiveness](#)
- [Neovascularization](#)