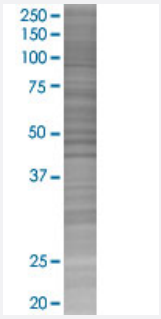
NRP2 293T Cell Transient Overexpression Lysate(Denatured)

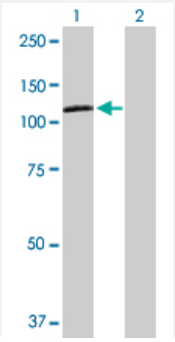
Catalog # H00008828-T02 Size 100 uL

Applications



SDS-PAGE Gel

NRP2 transfected lysate.



Western Blot

Lane 1: NRP2 transfected lysate (104.30 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-NRP2 full-length
Host	Human
Theoretical MW (kDa)	104.3
Interspecies Antigen Sequence	Mouse (94); Rat (93)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-NRP2 antibody (H00008828-D01P) by Western Blots. SDS-PAGE Gel NRP2 transfected lysate. Western Blot Lane 1: NRP2 transfected lysate (104.30 KDa) Lane 2: Non-transfected lysate.
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — NRP2

Entrez GeneID	8828
GeneBank Accession#	NM_003872.2
Protein Accession#	NP_003863.2
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