

Neuropilin-1 Protein, Human (HEK 293, His)

Cat. No.:	HY-P70147
Synonyms:	rHuNeuropilin-1, His ; Neuropilin-1, CD304; NRP1; NRPNP1; VEGF165R; BDCA4
Species:	Human
Source:	HEK 293
Accession:	O14786 (F22-S640)
Gene ID:	8829
Molecular Weight:	85-100 kDa

PROPERTIES

AA Sequence

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FRNDKCGDTI   KIESPGYLT S   PGYPHSYHPS   EKCEWLIQAP
DPYQRIMINF   NPHFDLEDRD   CKYDYVEVFD   GENENGHFRG
KFCGKIAPPP   VVSSGPFLFI   KFVSDYETHG   AGFSIRYEIF
KRGPECSQNY   TTPSGVIKSP   GFPEKYPNSL   ECTYIVFVPK
MSEIILEFES   FDLEPDSNPP   GGMFCRYDRL   EIWDGFPDVG
PHIGRYCGQK   TPGRIRSSSG   ILSMVFYTDS   AIAKEGFSAN
YSVLQSSVSE   DFKCMEALGM   ESGEIHSDQI   TASSQYSTNW
SAERSRLNYP   ENGWTPEGDS   YREWIQVDLG   LLRFVTVAVGT
QGAISKETKK   KYYVKTYKID   VSSNGEDWIT   IKEGNKPVLF
QGNTNPTDVV   VAVFPKPLIT   RFVRIKPATW   ETGISMRFEV
YGCKITDYPC   SGMLGMVSGL   ISDSQITSSN   QGDRNWMPEN
IRLVTSRSGW   ALPPAPHSYI   NEWLQIDLGE   EKIVRGI I I Q
GGKHRENKVF   MRKFKIGYSN   NGSDWKIMD   DSKRKAKSFE
GNNNYDTP EL   RTFPALSTRF   IRIYPERATH   GGLGLRMELL
GCEVEAPTAG   PTTPNGNLVD   ECDDDQANCH   SGTGDDFQLT
GGTTVLATEK   PTVIDSTIQS   GIK

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Biological Activity 2 µg/mL (100 µL/well) of immobilized recombinant Human Neuropilin-1-His can bind Anti-Human NRP1 with an ED50 value of 10.22 ng/mL.

Appearance Lyophilized powder.

Formulation Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Endotoxin Level <1 EU/µg, determined by LAL method.

Reconstitution It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH₂O.

Storage & Stability Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.

Shipping

Room temperature in continental US; may vary elsewhere.

Caution: Product has not been fully validated for medical applications. For research use only.

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