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# 32-9191: Recombinant Human Neuropilin-1/NRP1 (C-His)

**Alternative Name :** CD304; NRP1; NRPNP1; VEGF165R; BDCA4

## Description

Source : Human 293 Cells;
Neuropilin-1, also known as vascular endothelial cell growth factor 165 receptor (VEGF165R), CD304, is a member of the neuropilin family. Neuropilin-1 is a receptor involved in multiple functions, including the development of the cardiovascular system, angiogenesis, the formation of certain neuronal circuits and organogenesis outside the nervous system. It also mediates the chemorepulsant activity of semaphorins. Neuropilin-1 can bind to semaphorin 3A, PLGF-2, VEGF-165, and VEGF-B. Coexpression of Neuropilin-1 with KDR results in increased VEGF-165 binding to KDR as well as increased chemotaxis.

## Product Info

**Amount :** 500 µg / 50 µg

**Content :** Lyophilized from a 0.2 um filtered solution of PBS, 5% Trehalose, 0.01%Tween 80, pH7.4

**Amino Acid :** Recombinant Human Neuropilin-1 is produced by our Mammalian expression system and the target gene encoding Phe22-Lys644 is expressed with a 6His tag at the C-terminus.

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***