

Recombinant Human Netrin 4, FLAG-tagged

Cat. No. NTN4-2174H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Netrin 4 is produced in HEK 293 cell and fused at the N-terminus to a FLAG-tag. MW= 70kDa.
Species	Human
Source	HEK293
Description	The netrins (whose name means "one who guides" in Sanskrit) are a family of laminin-related secreted protein. In mice, human and rat, netrin-1, netrin-3/NTL2, netrin-4/b and G-netrins have been cloned. The netrins are involved in axonal guidance, are required for regeneration and maintenance of the central nervous system and have been implicated in the development of mammary gland, lung, pancreas, and blood vessel.
Concentration	0.1mg/ml after reconstitution.
Purity	≥95% (SDS-PAGE).
Formulation	Lyophilized. Contains PBS and 5% trehalose.
Specificity	Binds to human, mouse and rat receptors UNC5H and DCC.
Reconstitution	Reconstitute with 100µl sterile distilled water. Resuspended protein should be used immediately upon reconstitution to avoid loss in activity due to non-specific binding to the vial. Further dilutions should be made with medium containing 5% fetal calf serum

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or 0.5% BSA.

Storage And Stability

Stable for at least 6 months after receipt when stored at -20°C. Avoid freeze/thaw cycles. After reconstitution, prepare aliquots and store at -20°C.

GENE INFORMATION

Gene Name NTN4 netrin 4 [Homo sapiens]

Synonyms

NTN4; netrin 4; PRO3091; FLJ23180; Netrin-4; beta-netrin; hepar-derived netrin-like protein

Gene ID

59277

mRNA Refseq

NM_021229

Protein Refseq

NP_067052

MIM

610401

UniProt ID

Q9HB63

Chromosome Location

12q22-q23

Pathway

Axon guidance

Function

protein binding

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