

Active Recombinant Human NTN1

Cat. No. NTN1-1088H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NTN1 (Accession # O95631), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	Val22
Form	Lyophilized from a 0.2 µ filtered solution in PBS and EDTA with BSA as a carrier protein.
Bio-activity	Measured by its binding ability in a functional ELISA. When recombinant rat UNC5H2 Fc Chimera is immobilized at 5 µg/mL, recombinant human Netrin-1 binds with an apparent KD < 1 nM. Measured in a cell proliferation assay using RT4-D6P2T rat schwannoma cells. The ED50 for this effect is typically 0.5 - 2.0 µg/mL.
Molecular Mass	Recombinant Human NTN1 has a calculated MW of 67.5 kDa. In SDS-PAGE migrates as 80-85 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	NTN1 netrin 1 [Homo sapiens]
Official Symbol	NTN1
Synonyms	NTN1; netrin 1; netrin-1; Netrin 1; NTN1L; netrin 1, mouse, homolog of;
Gene ID	9423
mRNA Refseq	NM_004822
Protein Refseq	NP_004813
MIM	601614
UniProt ID	O95631
Chromosome Location	17p13-p12

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