

## Active Recombinant Human NTN1

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human NTN1 (Accession # O95631), fused with , was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Predicted N Terminal</b>	Val22
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS and EDTA with BSA as a carrier protein.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	Recombinant Human NTN1 has a calculated MW of 67.5 kDa. In SDS-PAGE migrates as 80-85 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	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

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

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