

Active Recombinant Human NTN1, Fc-tagged

Cat. No. NTN1-428H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human netrin-1 (aa 25-604) is fused at the C-terminus to the Fc portion of human IgG1.
Species	Human
Source	HEK293
ProteinLength	25-604 a.a.
Description	Netrin-1 controls guidance of CNS commissural axons and peripheral motor axons. Its association with either DCC or some UNC5 receptors will lead to axon attraction or repulsion, respectively. It also serve as a survival factor via its association with its receptors which prevent the initiation of apoptosis. Netrin 1 is also Involved in tumorigenesis by regulating apoptosis.
Form	Lyophilized. Contains PBS with Trehalose and Brij35.
Bio-activity	Induces axon outgrowth.
Molecular Mass	~90kDa (SDS-PAGE)
Purity	≥95% (SDS-PAGE)
Stability	Stable for at least 6 months after receipt when stored at -20°C.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Short Term Storage: +4°C; Long Term Storage: -20°C. After reconstitution, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles. PBS containing at least 0.1% BSA should be used for further dilutions.
Concentration	0.1mg/ml after reconstitution.
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
Pathway	Alpha6-Beta4 Integrin Signaling Pathway, organism-specific biosystem; Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; Axon guidance, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; DCC mediated attractive signaling, organism-specific biosystem; DSCAM

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

interactions, organism-specific biosystem;

Function

protein binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA