

## Active Recombinant Chicken NTN1 Protein, His-tagged

Cat. No. NTN1-01C Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant chicken Netrin-1 (Gly26 - Ala606) protein with a 10-His tag was expressed in Mouse myeloma cell line.
<b>Species</b>	Chicken
<b>Source</b>	NS0
<b>ProteinLength</b>	26-606 a.a.
<b>Description</b>	Netrins control guidance of CNS commissural axons and peripheral motor axons. Promotes neurite outgrowth from commissural axons but acts as a chemorepellent for trochlear motor axons. These effects are mediated by distinct receptors.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized rrUNC5H2/Fc Chimera at 5 µg/mL (100 µL/well) can bind rcNetrin-1 with a linear range of 6-400 ng/mL.
<b>Molecular Mass</b>	75-85 kDa
<b>N-terminal Sequence Analysis</b>	Gly26
<b>Endotoxin</b>	< 1 EU/µg of protein (determined by LAL method)
<b>Purity</b>	> 95% by SDS-PAGE under reducing conditions and visualized by silver stain

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<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
<b>Reconstitution</b>	Reconstitute at 25 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.
<b>Shipping</b>	The product is shipped at ambient temperature.

## GENE INFORMATION

<b>Gene Name</b>	NTN1 netrin 1 [ Gallus gallus (chicken) ]
<b>Official Symbol</b>	NTN1
<b>Synonyms</b>	NTN1; netrin 1; netrin-1
<b>Gene ID</b>	396389
<b>mRNA Refseq</b>	NM_205419
<b>Protein Refseq</b>	NP_990750
<b>UniProt ID</b>	Q90922

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