Active Recombinant Chicken NTN1 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant chicken Netrin-1 (Gly26 - Ala606) protein with a 10-His tag was expressed in Mouse myeloma cell line.
Species	Chicken
Source	NS0
ProteinLength	26-606 a.a.
Description	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.
Bio-activity	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.
Molecular Mass	75-85 kDa
N-terminal Sequence Analysis	Gly26
Endotoxin	< 1 EU/μg of protein (determined by LAL method)
Purity	> 95% by SDS-PAGE under reducing conditions and visualized by silver stain

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	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.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution in PBS with BSA as a carrier protein.
Reconstitution	Reconstitute at 25 μg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.
Shipping	The product is shipped at ambient temperature.

GENE INFORMATION

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

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