

Active Recombinant Chicken NTN1 Protein, His-tagged

Cat. No. NTN1-66C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant chicken NTN1(Gly26 - Ala606), with a C-terminal 10-His tag protein was expressed in mouse myeloma cell line.
Species	Chicken
Source	Mammalian Cells
ProteinLength	26-606 a.a.
Predicted N Terminal	Gly26
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	Predicted Molecular Mass: 66.3 kDa SDS-PAGE: 75-85 kDa, reducing conditions
Endotoxin	<1.0 EU per 1 µg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain
Storage	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.

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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.

GENE INFORMATION

Gene Name NTN1

Official Symbol NTN1 netrin 1 [Gallus gallus (chicken)]

Synonyms NTN1; netrin 1; netrin-1; Netrin1; Netrin-1; NTN1Lnetrin 1, mouse, homolog of

Gene ID 396389

mRNA Refseq NM_205419

Protein Refseq NP_990750

UniProt ID Q90922

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