

Recombinant Mouse Ntn4 Protein, His-tagged

Cat. No. Ntn4-1871M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ntn4 Protein (Leu20-Ser261) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Leu20-Ser261
Description	Enables laminin-1 binding activity. Acts upstream of or within neuron remodeling and regulation of branching involved in salivary gland morphogenesis by extracellular matrix-epithelial cell signaling. Located in basement membrane. Is expressed in several structures, including alimentary system; cardiovascular system; connective tissue; nervous system; and urinary system. Orthologous to human NTN4 (netrin 4).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.1 kDa Accurate Molecular Mass: 31 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Ntn4 netrin 4 [*Mus musculus* (house mouse)]

Official Symbol

Ntn4

Synonyms

NTN4; netrin 4; netrin-4; beta-netrin;

Gene ID

57764

mRNA Refseq

NM_021320

Protein Refseq

NP_067295

UniProt ID

Q9JI33

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