

Recombinant Mouse Ntf3 Protein, His-tagged

Cat. No. Ntf3-1867M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ntf3 Protein (Met21-Arg139) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met21-Arg139
Description	This gene encodes a member of the neurotrophins that have a wide variety of functions in both neural and non-neural tissues. The encoded preproprotein undergoes proteolytic processing to generate a noncovalently linked homodimeric mature protein that can bind to the transmembrane receptor tyrosine kinases to initiate a series of signaling events. Mice lacking the encoded protein exhibit severe defects in the peripheral nervous system including a complete lack of spinal proprioceptive afferents and their peripheral sense organs.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 14.69 kDa Accurate Molecular Mass: 13/15 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by 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	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

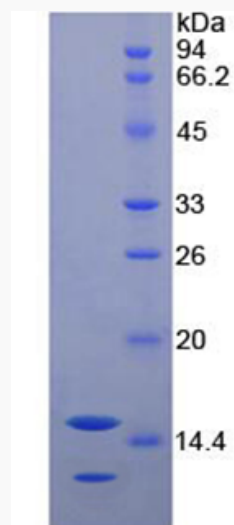
GENE INFORMATION

Gene Name	Ntf3 neurotrophin 3 [Mus musculus (house mouse)]
Official Symbol	Ntf3
Synonyms	Ntf3; neurotrophin 3; Nt3; HDNF; NGF-2; Ntf-3; AI316846; AI835689; neurotrophin-3; nerve growth factor 2; neurotrophic factor
Gene ID	18205
mRNA Refseq	NM_008742
Protein Refseq	NP_032768
UniProt ID	P20181

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