

Recombinant Human NTF4

Cat. No. NTF4-29H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NTF4 protein was expressed in E.coli (81-210 aa).
Species	Human
Source	Human
ProteinLength	81-210 a.a.
Description	NTF4, also known as neurotrophin 4, is a member of a family of neurotrophic factors neurotrophins that control survival and differentiation of mammalian neurons. This protein is ubiquitous and less influenced by environmental signals. While knock-outs of other neurotrophins including nerve growth factor, brain-derived neurotrophic factor, and neurotrophin 3 prove lethal during early postnatal development, NTF4-deficient mice only show minor cellular deficits and develop normally to adulthood.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 20% glycerol
Molecular Weight	14.1 kDa (131aa)
Purity	> 85% by SDS - PAGE
Concentration	1 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGVSETAPAS RRGELAVCDA VSGWVTD RRT AVDLRGREVE VLGEVPAAGG SPLRQYFFET RCKADNAEEG GPGAGGGGCR GVDRRHVVSE CKAKQSYVRA

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LTADAQGRVG WRWIRIDTAC VCTLLSRTGR A

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Pathways

MAPK signaling pathway; Neurotrophin signaling pathway

GENE INFORMATION

Gene Name

NTF4 neurotrophin 4 [Homo sapiens]

Official Symbol

NTF4

Synonyms

NT4; NT-4; NT5; NT-5; NTF5; GLC10; NT-4/5; neurotrophin 5; neurotrophic factor 4; Neurotrophic factor 4; neurotrophic 4; neurotrophic factor 5; neurotrophin 5 (neurotrophin 4/5)

Gene ID

4909

mRNA Refseq

NM_006179

Protein Refseq

NP_006170

MIM

162662

UniProt ID

P34130

**Chromosome
Location**

19q13.3

Function

growth factor activity

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