

## Recombinant Human NTF4

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

### SPECIFICATION

|                                 |   |
|---------------------------------|---|
| <b>Product Overview</b>         | Recombinant human NTF4 protein was expressed in E.coli (81-210 aa).   |
| <b>Species</b>                  | Human   |
| <b>Source</b>                   | Human   |
| <b>ProteinLength</b>            | 81-210 a.a.   |
| <b>Description</b>              | 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. |
| <b>Form</b>                     | Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 20% glycerol   |
| <b>Molecular Weight</b>         | 14.1 kDa (131aa)  |
| <b>Purity</b>                   | > 85% by SDS - PAGE   |
| <b>Concentration</b>            | 1 mg/ml (determined by Bradford assay)  |
| <b>Sequences of amino acids</b> | MGVSETAPAS RRGELAVCDA VSGWVTD RRT AVDLRGREVE VLGEVPAAGG<br>SPLRQYFFET RCKADNAEEG GPGAGGGGCR GVDRRHVVSE CKAKQSYVRA   |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA