

Product datasheet for **AR39115PU-N**

Neurotrophin 4 / NTF4 (81-210) Human Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Neurotrophin 4 / NTF4 (81-210) human recombinant protein, 0.1 mg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | MGVSETAPAS RRGELAVCDA VSGWVTD RRT AVDLRGREVE VLGEVPAAGG SPLRQYFFET RCKADNAEEG GPGAGGGGCR GVDRRHWWSE CKAKQSYVRA LTADAQGRVG WRWIRIDTAC VCTLLSRTGR A |
| Predicted MW: | 14.1 kDa |
| Concentration: | lot specific |
| Purity: | >85% |
| Buffer: | Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 20% glycerol |
| Preparation: | Liquid purified protein |
| Protein Description: | Recombinant human NTF4 was expressed in E.coli and purified by using conventional chromatography techniques. |
| Storage: | Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| RefSeq: | NP_006170 |
| Locus ID: | 4909 |
| UniProt ID: | P34130 , A0A024QZE4 |
| Cytogenetics: | 19q13.33 |
| Synonyms: | GLC10; GLC10; NT-4; NT-4/5; NT-5; NT4; NT5; NTF5 |



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Summary:

This gene is a member of a family of neurotrophic factors, neurotrophins, that control survival and differentiation of mammalian neurons. The expression of this gene 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, NTF5-deficient mice only show minor cellular deficits and develop normally to adulthood. [provided by RefSeq, Jul 2008]

Protein Families:

Druggable Genome, Secreted Protein

Protein Pathways:

MAPK signaling pathway, Neurotrophin signaling pathway

Product images: