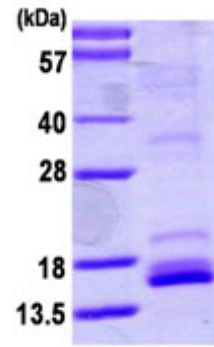


AR39115PU-N**Human Neurotrophin 4 / NTF4 (81-210) - Purified**

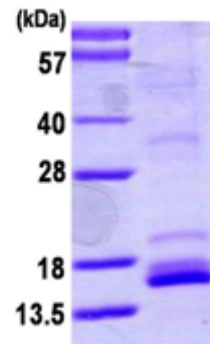
Alternate names:	NT-4, NT-5, NTF5, Neurotrophin 5, Neurotrophin-4, Neurotrophin-5, Neurotrophic factor 4
Quantity:	0.1 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	NTF4, also known as neurotrophin 4, is a member of a family of neurotrophic factors neurotrophins that control 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.
Uniprot ID:	P34130
NCBI:	NP_006170
GeneID:	4909
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 20% glycerol
Description:	Recombinant human NTF4 was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGVSETAPAS RRGELAVCDA VSGVWTD RRT AVDLRGREVE VLGEVPAAGG SPLRQYFFET RCKADNAEEG GPGAGGGGCR GVDRRHVWSE CKAKQSYVRA LTADAQGRVG WRWIRIDTAC VCTLLSRTGR A Molecular weight: 14.1 kDa (131 aa)
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. Shelf life: one year from despatch.
General Readings:	Pasutto F., et al. (2009) Am. J. Hum. Genet. 85:447-456. Liu Y., et al. (2010) Am. J. Hum. Genet. 86:498-499.

Pictures:



15% SDS-PAGE (3ug)

NTF4, 81-210 aa, Human, Recombinant



15% SDS-PAGE (3ug)