

Product datasheet for **TP723339**

Neurotrophin 4 (NTF4) (NM_006179) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human neurotrophin 4 (NTF4).
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	GVSETAPASR RGELAVCDAV SGWVTDRRTA VDLRGREVEV LGEVPAAGGS PLRQYFFETR CKADNAEEGG PGAGGGGCRG VDRRHWWSEC KAKQSYVRAL TADAQGRVGW RWIRIDTACV CTLLSRTGRA
Tag:	Tag Free
Predicted MW:	14 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μ M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Determined by the dose-dependent induction of choline acetyl transferase activity in rat basal forebrain primary septal cell cultures was found to be in the range of 20-50 ng/ml.
Endotoxin:	Endotoxin level is < 0.1 ng/ μ g of protein (< 1 EU/ μ g)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_006170
Locus ID:	4909
UniProt ID:	P34130 , A0A024QZE4
RefSeq Size:	999
Cytogenetics:	19q13.33
RefSeq ORF:	630
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: