

NTF3 (Human) ELISA Kit

Catalog # KA0402

Size 1 Kit

Specification

Product Description	NTF3 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human NTF3.
Suitable Sample	Cell Culture Supernatant, Serum
Sample Volume	100 μ L
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	15.6 to 1000 pg/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

Applications

- Quantification

Gene Info — NTF3

Entrez GeneID	4908
Gene Name	NTF3
Gene Alias	HDNF, MGC129711, NGF-2, NGF2, NT3

Gene Description	neurotrophin 3
Omim ID	162660
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the neurotrophin family, that controls survival and differentiation of mammalian neurons. This protein is closely related to both nerve growth factor and brain-derived neurotrophic factor. It may be involved in the maintenance of the adult nervous system, and may affect development of neurons in the embryo when it is expressed in human placenta. NTF3-deficient mice generated by gene targeting display severe movement defects of the limbs. The mature peptide of this protein is identical in all mammals examined including human, pig, rat and mouse. [provided by RefSeq]
Other Designations	-

Publication Reference

- [Identification of an essential nonneuronal function of neurotrophin 3 in mammalian cardiac development.](#)
Donovan MJ, Hahn R, Tessarollo L, Hempstead BL.
Nature Genetics 1996 Oct; 14(2):210.
- [Targeted mutation in the neurotrophin-3 gene results in loss of muscle sensory neurons.](#)
Tessarollo L, Vogel KS, Palko ME, Reid SW, Parada LF.
PNAS 1994 Dec; 91(25):11844.
- [Chromosomal mapping of brain-derived neurotrophic factor and neurotrophin-3 genes in man and mouse.](#)
Ozcelik T, Rosenthal A, Francke U.
Genomics 1991 Jul; 10(3):569.

Pathway

- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)

Disease

- [Asperger Syndrome](#)

- [Attention](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Disease Models](#)
- [Eating Disorders](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Neuropsychological Tests](#)
- [Schizophrenia](#)
- [Social Perception](#)
- [Tobacco Use Disorder](#)