

Recombinant Human NTF4 293 Cell Lysate

Cat. No. NTF4-3669HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for neurotrophin 4 (NTF4) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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GENE INFORMATION

Gene Name	NTF4 neurotrophin 4 [Homo sapiens]
Official Symbol	NTF4
Synonyms	NTF4; neurotrophin 4; neurotrophin 5 (neurotrophin 4/5) , NTF5; neurotrophin-4; GLC10; neurotrophic factor 4; NT 4/5; neurotrophin-5; neutrophic factor 4; neurotrophic factor 5; neurotrophin 5 (neurotrophin 4/5); NT4; NT5; NT-4; NT-5; NTF5; GLC10; NT-4/5;
Gene ID	4909
mRNA Refseq	NM_006179
Protein Refseq	NP_006170
MIM	162662
UniProt ID	P34130
Chromosome Location	19q13.3
Pathway	MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, conserved biosystem; Neurotrophic factor-mediated Trk receptor signaling, organism-specific biosystem; Neurotrophin signaling pathway, organism-specific biosystem; Neurotrophin signaling pathway, conserved biosystem; p75(NTR)-mediated signaling, organism-specific biosystem;

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Function

growth factor activity;

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