Recombinant Human NTF3 Protein, His tagged

Cat. No. NT3-22H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NTF3 Protein with His tag was expressed in insect cells.
Species	Human
Source	Insect Cells
ProteinLength	139-257 aa
Description	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.
AASequence	MYAEHKSHRGEYSVCDSESLWVTDKSSAIDIRGHQVTVLGEIKTGNSPVKQYFYET RCKEARPVKNGCRGIDDKHWNSQCKTSQTYVRALTSENNKLVGWRWIRIDTSCVC ALSRKIGRTHHHHHHHH
Molecular Mass	15 kDa
Endotoxin	< 1 EU/μg by LAL.

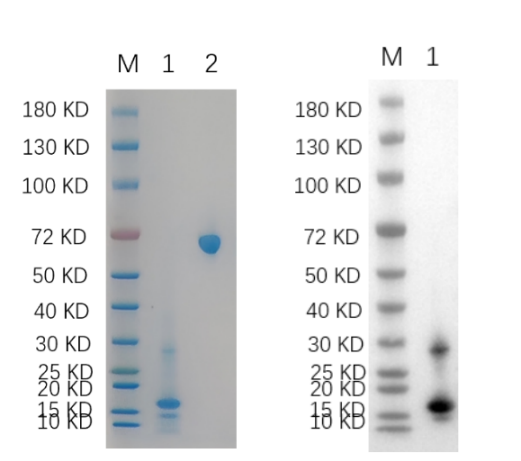
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 80% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile PBS, pH7.4, 0.05% SKL
Concentration	1 mg/mL by BCA

GENE INFORMATION

Gene Name	NTF3 neurotrophin 3 [Homo sapiens (human)]
Official Symbol	NTF3
Synonyms	NTF3; neurotrophin 3; neurotrophin-3; NGF2; NT-3; neurotrophic factor; nerve growth factor 2; NT3; HDNF; NGF-2; MGC129711;
Gene ID	4908
mRNA Refseq	NM_001102654
Protein Refseq	NP_001096124
MIM	162660
UniProt ID	P20783

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SDS-PAGE and WB	 Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal Antibody) analysis profiles of purified NT3. 1. NT3-22H: 1 μg 2. BSA: 1 μg

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