

Active GMP Recombinant Human NTF4 Protein

Cat. No. NTF4-144HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NTF4, Gly81-Ala210, was produced in Sf 21 (baculovirus)-derived under cGMP guidelines.
Species	Human
Source	Insect Cells
ProteinLength	81-210 a.a.
Form	Lyophilized from a 0.2 µm filtered solution in Acetonitrile and TFA.
Bio-activity	Measured in a cell proliferation assay using BaF mouse pro-B cells transfected with TrkB.
Molecular Mass	Predicted Molecular Mass: 14 (monomer) kDa
N-terminal Sequence Analysis	Gly81-Val-Ser-Glu-Thr-Ala-Pro-Ala-Ser-Arg
Endotoxin	<0.10 EU per 1 µg of the protein by the LAL method.
Purity	>97%, by SDS-PAGE with silver staining, under reducing conditions.
Storage	Avoid repeated freeze-thaw cycles. 12 months, -20 to -70 centigrade as supplied.

 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

	1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Reconstitution	Reconstitute at 100 µg/mL in PBS.
Quality Statement	Our GMP proteins are produced according to relevant sections of the following documents: WHO TRS, No. 822, 1992 Annex 1, Good Manufacturing Practices for Biological Products; USP Chapter 1043, Ancillary Materials for Cell, Gene and Tissue-Engineered Products and USP Chapter 92, Growth Factors and Cytokines Used in Cell Therapy Manufacturing.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

GENE INFORMATION

Gene Name	NTF4 neurotrophin 4 [Homo sapiens]
Official Symbol	NTF4
Synonyms	NTF4; neurotrophin 4; neurotrophin-4; GLC10; neurotrophic factor 4; NT 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

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UniProt ID

P34130

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