

## Active GMP Recombinant Human NTF4 Protein

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

### SPECIFICATION

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

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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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