

## Human NNT-1 / BCSF-3

Synonyms: Cardiotrophin-Like Cytokine Factor 1, Novel Neurotrophin-1, BSF3, CLC, CRLF1 Associated Cytokine-Like Factor 1, B-Cell Stimulating Factor 3, B-Cell-Stimulating Factor 3, BSF-3, NNT-1, NNT1, Neurotrophin-1/B-Cell Stimulating Factor-3, Cold-Induced Sweat

*PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING*

Size	Order #	Lot #	Expiry Date
2 µg	1775.950.002		
10 µg	1775.950.010		
1 mg	1775.950.199		

Please enquire for bulk quantities and other vial sizes

### Description

Neurotrophin-1 Human Recombinant (28-225) produced in *E. Coli* is a single, non-glycosylated, polypeptide chain containing 199 amino acids and having a molecular mass of 22kDa.

- **Source** *E. Coli*
- **Purity** ≥ 95 % (SDS-PAGE)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** NNT-1 protein was lyophilized from a 0.2µm filtered solution in Acetonitrile and TFA\*
- **Physical state** Sterile filtered, lyophilized

### Biological Activity

The ED<sub>50</sub>, as measured in a cell proliferation assay using human TF?1 cells transfected with human CNTF R?, is less than 15ng/ml.

### Reconstitution

It is recommended to reconstitute the lyophilized NNT1 in sterile 18M-cm H<sub>2</sub>O not less than 0.5mg/ml, which can then be further diluted to other aqueous solutions.

### Stability

Lyophilized Neurotrophin-1 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution NNT1 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). **Please avoid repeated freeze-thaw cycles.**

### Amino Acid Sequence

MLNRTGDPGP GPSIQKTYDL TRYLEHQLRS LAGTYLNYLG PPFNEPDFNP PRLGAETLPR ATVDLEVWRS  
 LNDKLRRLTQN YEAYSHLLCY LRGLNRQAAT AELRRSLAHF CTSLQGLLGS IAGVMAALGY PLPQPLPGTE  
 PTWTPGPAHS DFLQKMDDFW LLKELQTLW RSAKDFNRLK KKMQPPAAAV TLHLGAHGF

**Usage:** For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

\*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

ORDERING  
 Tel.: +49 40 43208448-0  
 order@active-bioscience.de  
 www.active-bioscience.de

TECHNICAL SUPPORT  
 Tel.: +49 40 43208448-11  
 support@active-bioscience.de

Active Bioscience GmbH  
 Oberaltenallee 8  
 D-22081 Hamburg  
 HRB 98170 Amtsgericht Hamburg