

Neurotrophin-1 Active Protein | NNT1 active protein

Recombinant Human Neurotrophin-1

CATALOG #
AAA38018

HOST
E Coli

PRODUCT SYNONYMS

Neurotrophin-1; Recombinant Human Neurotrophin-1; NNT1 Human; Neurotrophin-1 Human Recombinant; 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 Sweating Syndrome 2; B-Cell Stimulatory Factor 3; CISS2; NR6; CLCF1; NNT1 active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	NNT-1 protein was lyophilized from a 0.2 um filtered solution in Acetonitrile and TFA.
Sequence	MLNRTGDPGP GPSIQKTYDL TRYLEHQLRS LAGTYLNYLG PPFNEPDFNP PRLGAETLPR ATVDLEVWRS LNDKLRILTQN YEAYSHLLCY LRGLNRQAAT AELRRSLAHF CTSLQGLLGS IAGVMAALGY PLPQPLPGTE PTWTPGPAHS DFLQKMDDFW LLKELQTLWV RSAKDFNRLK KKMQPPAAAV TLHLGAHGF
Sequence Length	215
Biological Activity	The ED ₅₀ , as measured in a cell proliferation assay using human TF-1 cells transfected with human CNTF Ralpha, is less than 15ng/ml.
Solubility	It is recommended to reconstitute the lyophilized NNT1 in sterile 18M-cm H2O not less than 0.5mg/ml, which can then be further diluted to other aqueous solutions.
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Preparation and Storage	Lyophilized Neurotrophin-1 although stable at room temperature for 3 weeks, should be stored desiccated below -18 degree C. Upon reconstitution NNT1 should be stored at 4 degree C between 2-7 days and for future use below -18 degree C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for NNT1 active protein	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. The NNT-1 is purified by proprietary chromatographic techniques.
Product Categories/Family for NNT1 active protein	Cytokines and Growth Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	261245022
NCBI GeneID	23529
NCBI Accession #	NP_001159684.1
NCBI GenBank Nucleotide #	NM_001166212.1
UniProt Accession #	Q9UBD9 ; Q6NZA4 ; B4DNT4

NCBI Official Full Name	cardiotrophin-like cytokine factor 1 isoform 2
NCBI Official Synonym Full Names	cardiotrophin-like cytokine factor 1
NCBI Official Symbol	CLCF1
NCBI Official Synonym Symbols	CLC; NR6; BSF3; NNT1; BSF-3; CISS2; NNT-1
NCBI Protein Information	cardiotrophin-like cytokine factor 1
UniProt Protein Name	Cardiotrophin-like cytokine factor 1
UniProt Gene Name	CLCF1
UniProt Synonym Gene Names	BSF3; CLC; NNT1; BSF-3; NNT-1
UniProt Entry Name	CLCF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/e-coli-nnt1-active-protein/neurotrophin-1/38018>