

Recombinant Human NNT-1/BCSF-3
Catalog # PBG10333**Specification**

Recombinant Human NNT-1/BCSF-3 - Product Information**Recombinant Human NNT-1/BCSF-3 - Additional Information****Description**

NNT-1/BCSF-3 is a neurotrophic factor with B-cell stimulating capabilities. Expressed in lymph nodes and spleen, NNT-1/BCSF-3 binds and activates glycoprotein 130 (gp130) and leukemia inhibitory factor receptor member β (LIFR- β) and induces tyrosine phosphorylation of these receptors. *In vitro*, it supports the survival of chick embryo motor and sympathetic neurons. In mice, NNT-1/BCSF-3 induces serum amyloid A, causes body weight loss and B cell hyperplasia associated with increased in serum IgG and IgM. Recombinant human NNT-1/BCSF-3 is a 22.4 kDa protein containing 199 amino acid residues.

Biological Activity

NT-1/BCSF-3 weakly supports chick E8 DRG neurite outgrowth at a concentration of 1.0 ng/ml.

Authenticity

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

Endotoxin

Endotoxin level is <0.1 ng/ μ g of protein (<1EU/ μ g).

Protein Content

Verified by UV Spectroscopy and/or SDS-PAGE gel.

Storage

-20°C

Precautions

Recombinant Human NNT-1/BCSF-3 is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Human NNT-1/BCSF-3 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Recombinant Human NNT-1/BCSF-3 - Images