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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.

BiologicalActivity
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/ μg of protein (<1EU/ μg).

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 Cytomety
- Cell Culture

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Recombinant Human NNT-1/BCSF-3 - Images