

Tpc1808 Rat

Description:Tropic-1808 Rat Recombinant protein fused to N-terminal His-Tag produced in E.Coli is a single, non-glycosylated polypeptide chain containing 285 amino acids and having a molecular mass of 29.1 kDa.The Tpc1808 is purified by proprietary chromatographic techniques.

Catalog #:PRPS-594

Synonyms:Tropic 1808, Tpc1808.

For research use only.

Source:Escherichia Coli.

Physical Appearance:Sterile Filtered White lyophilized (freeze-dried) powder.

Amino Acid Sequence:

MSYYHHHHHHMNLQAIALNQISNLNLAIRVGQVLKVSNAAGSNNTQNTTQPSAGVPTNTASSTTG
YTVKSGDTLSAIAAANGVSLANLLSWNNLSLQAIIPGQKLTIQNANNATVTPNAPTSTPTVMPST
NGSYTVKSGDTLYGIAAKLGTNVQTLNGLQLSSTIYVGQVLKTTGAVAGAGTATSTPTPVPTPT
VSKPAAANGVSTAGLSAAQAALWLRRTAVVDAQAATAGTGVLASVTVAQAILESGWGQS

Purity:Greater than 95.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Formulation:

The Tropic-1808 was lyophilized from 1X PBS, pH 7.4.

Stability:

Lyophilized Tpc1808 although stable 10°C for 1 week, should be stored desiccated below -18°C.Please prevent freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

Tropic 1808 is a candidate chemotropic factor induced by nerve injury. Tpc1808 protein, similar to NGF, could promote the expression of NF-H in a time-dependent manner. Tpc1808 is the gene related to promotion of nerve growth, and both the Tpc1808 gene and the Tpc1808 recombinant protein up-regulate the expression of NF-H in PC12 cells.

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