



Product Datasheet

Product Name	Tropic 1808 Rat Recombinant
Cata No	CB501198
Source	<i>Escherichia Coli.</i>
Synonyms	Tropic 1808, Tpc1808.

Description

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.

Tropic-1808 Human 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.

Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

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.

Sequence

MSYYHHHHHMMNLAQIAALNQISNLN AIRVGQVL
KVSNAAGSNNTQNTTQPS
AGVPTNTASSTTG YTVKSGDTLSAIAAANGVSLA
NLLSWNNLSLQAIIPGQKL
TIQNANNATV TTPNAPTSTPTVMPSTNGSYTVKS
GDTLYGIAAKLGTNVQTLLS
LNGLQLSSTIYVGQVLKTTGAVAGAGTATSTPTPV
TPTVSKPAAANGVSTAGLS
AAQAAWLRTAVVDAQAATAGTGVLASVTVAQAIL
ESGWGQSALASAPYHNF
NLYLIKVKNTWKLM TLLS