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## Product Data Sheet

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Product Name: Tpc1808 Rat  
Cat. No.: GP24456  
Batch No.: 1

### Product Data

Purity >98% Source  
Physical Appearance solid Shipping Condition

Synonyms Tropic 1808; Tpc1808.

Amino Acid Sequence MSYYHHHHHMHMNLQAALNQISNLNAIRVGQVLKVSNAAGSNTQNTTQPSAGVPTNTASSTTGTVKSGDTLSAIAAANGVSLANLLSWNNLSLQA

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

### 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.

### Stability

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

### Background

Tropic-1808Rat 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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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