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Product Data Sheet

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□ Cat # RP-997

Recombinant Rat Tropic 1808

**Size:** □ 10 ug

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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.

**SOURCE:**

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

**APPLICATION AND SUGGESTED DILUTIONS:**

Greater than 95.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE. Users must optimize the appropriate concentration and conditions for each assay.

**STORAGE & STABILITY:**

Lyophilized Tpc1808 although stable 10°C for 1 week, should be stored desiccated below -18°C. If supplied in powder then reconstitute it in 100ul water for 1mg/mL stock and store in liquid at 4oC for ~ 1week or aliquots in suitable size and store at -20oC for long term storage.

**USAGE:**

This item is for LABORATORY RESEARCH USE ONLY.

RP-997            101015V