

## 32-4721: Recombinant Rat Tropic 1808

**Alternative Name :** Tropic 1808,Tpc1808.

### Description

Source : Escherichia Coli. 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. 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.

### Product Info

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| <b>Amount :</b>            | 50 µg  |
| <b>Purification :</b>      | Greater than 95.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.   |
| <b>Content :</b>           | The Tropic-1808 was lyophilized from 1X PBS, pH 7.4.   |
| <b>Storage condition :</b> | Lyophilized Tpc1808 although stable 10°C for 1 week, should be stored desiccated below -18°C.Please prevent freeze-thaw cycles.  |
| <b>Amino Acid :</b>        | MSYYHHHHHMMNLAQIAALNQISNLNAIRVGQVLKVSNAAGSNNTQNTTQPSAGVPTNTASSTTGTVKSGD<br>TLAIAAANGVSLANLLSWNNLSLQAIYPGQKLTIQNANNATVTPNAPTSTPTVMPSTNGSYTVKSGDTLYGIA<br>AKLGTNVQTLTSLNGLQLSSTIYVGQVLKTTGAVAGAGTATSTPTPTVTVSKPAAANGVSTAGLSAAQAAWLR<br>TAVVDAQAATAGTGVLASVTVAQAILESGWGQSALASAPYHNFNLYLIKVKNTWKLMTLLLS. |

