Recombinant Rat Tpc1808, His-tagged

Cat. No. Tpc1808-660R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Tpc1808 produced in E. coli is approximately 29.1 kDa, a single non-glycosylated polypeptide chain containing 275 amino acids, with 6 × His at N-terminu
Species	Rat
Source	E.coli
Description	Rat 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.
Form	Lyophilized from a 0.2 μm filtered concentrated solution in PBS, pH 7.4.
Molecular Mass	29.1 kDa
AA Sequence	MSYYHHHHHHMNLAQIAALNQISNLNAIRVGQVLKVSNAAGSNNTQNTTQPSAG VP TNTASSTTGYTVKSGDTLSAIAAANGVSLANLLSWNNLSLQAIIYPGQKLTIQNANNA TVT TPNAPTSTPTVMPSTNGSYTVKSGDTLYGIAAKLGTNVQTLLSLNGLQLSSTIYV GQVLKTTG APVAGAGTATSTPTPVTPTVSKPAAANGVSTAGLSAAQAAWLRTAVV DAQAATAGTGVLASVTVAQAILESGWGQSALASAPYHNFNLYLIKVKNTWKLMTLLL S

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Endotoxin	Less than 1 EU/μg of rRtTPC 1808, His as determined by LAL method.
Purity	>95% by SDS-PAGE and HPLC analyses.
Usage	This material is for research, laboratory or further evaluation purposes. NOT FOR HUMAN USE.
Storage	This lyophilized preparation is stable at 2-8 centigrade, but should be kept at -20 centigrade for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8 centigrade. For maximal stability, apport
Reconstitution	We recommend that this vial be briefy centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportion

GENE INFORMATION

Gene Name	Tpc1808 tropic 1808 [Rattus norvegicus (Norway rat)]
Official Symbol	Tpc1808
Synonyms	Tpc1808;tropic 1808
Gene ID	64560
mRNA Refseq	NM_022625.2
Protein Refseq	NP_072147.1

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