

Tpc1808 Recombinant Rat Tropic 1808 His

Catalog No.	CSI20279A CSI20279B CSI20279C	Quantity:	10 µg 50 µg 1.0 mg
Alternate Names:	Tpc1808		
Description:	Recombinant 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.		
Physical Appearance:	Sterile Filtered White lyophilized (freeze-dried) powder.		
Gene ID:	64560		
Source:	<i>E. coli</i>		
Molecular Weight:	Approximately 29.1 kDa, a single non-glycosylated polypeptide chain containing 275 amino acids, with 6 × His at N-terminus.		
Formulation:	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.		
Purity:	>95% by SDS-PAGE and HPLC analyses.		
Endotoxin Level:	Less than 1EU/µg of rRtTPC 1808, His as determined by LAL method.		
Biological Activity:	Fully biologically active when compared to standard. Determined by its ability to chemoattract mouse lymphocytes using a concentration range of 1.0-10.0 ng/ml.		
Amino Acid Sequence:	MSYYHHHHH MNLAQIAALN QISNLNAIRV GQVLKVSNA GSNNTQNTTQ PSAGVPTNTA SSTTGYTVKS GDTLSAIAAA NGVSLANLLS WNNLSLQAI YPGQKLTIQN ANNATVTPN APTSTPTVMP STNGSYTVKS GDTLYGIAAK LGTNVQTLLS LNGLQLSSTI YVGQVLKTTG APVAGAGTAT STPTPVTPTV SKPAAANGVS TAGLSAAQAA WLRTAVVDAQ AATAGTGVLV SVTVAQAILE SGWGQSALAS APYHNFNLYL IKVKNTWKLM TLLLS		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water or aqueous buffer to a concentration of 0.1-1.0 mg/mL. Further dilutions should be made in appropriate buffered solutions. Stock solutions should be apportioned into working aliquots and stored at <-20°C. Further dilutions should be made in appropriate buffered solutions.		
Storage & Stability:	This lyophilized preparation is stable at 2-4°C, but should be kept desiccated at -20°C for long term storage. Upon reconstitution, the preparation is stable for up to one week at 2-4°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -80°C. Avoid repeated freeze/thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

