

PrimeGene Technical Data Sheet

Catalog Number:	641-01
Source:	<i>Escherichia coli</i> .
Molecular Weight:	Approximately 29.1 kDa, a single non-glycosylated polypeptide chain containing 304 amino acids, with 6 × His at the N-terminus.
Quantity:	10µg/50µg/1000µg
AA Sequence:	MSYYHHHHHH DYDIPTTENL YFQAMDPEFM NLAQIAALNQ ISNLNAIRVG QVLKVSNAAG SNNTQNTTQP SAGVPTNTAS STTG YTVKSG DTL SAI A A A N G V S L A N L L S W N N L S L Q A I I Y P G Q K L T I Q N A N N A T V T T P N A P T S T P T V M P S T N G S Y T V K S G D T L Y G I A A K L G T N V Q T L L S L N G L Q L S S T I Y V G Q V L K T T G A P V A G A G T A T S T P T P V T P T V S K P A A A N G V S T A G L S A A Q A A W L R T A V V D A Q A A T A G T G V L A S V T V A Q A I L E S G W G Q S A L A S A P Y H N F N L Y L I K V K N T W K L M T L L L S
Purity:	> 95 % by SDS-PAGE and HPLC analyses.
Biological Activity:	Data is not available.
Physical Appearance:	Sterile Filtered White lyophilized (freeze-dried) powder.
Formulation:	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.
Endotoxin:	Less than 1 EU/µg of rRtTPC1808, His as determined by LAL method.
Reconstitution:	We recommend that this vial be briefly 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 apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.
Shipping:	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage:	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none">● 12 months from date of receipt, -20 to -70 °C as supplied.● 1 month, 2 to 8 °C under sterile conditions after reconstitution.● 3 months, -20 to -70 °C under sterile conditions after reconstitution.
Usage:	This material is offered by Shanghai PrimeGene Bio-Tech for research, laboratory or further evaluation purposes. NOT FOR HUMAN USE.

Rat Tropic1808

Tropic1808 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.