

Recombinant Rat Tropic1808, His

Catalog No: #AP60495



Package Size: #AP60495-1 10ug #AP60495-2 100ug #AP60495-3 500ug

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Description

Product Name	Recombinant Rat Tropic1808, His
Host Species	Escherichia coli.
Purification	> 95 % by SDS-PAGE and HPLC analyses.
Calculated MW	Approximately 29.1 kDa, a single non-glycosylated polypeptide chain containing 304 amino acids, with 6 x His at the N-terminus.
Target Sequence	MSYYHHHHHH DYDIPTTENL YFQAMDPEFM NLAQIAALNQ ISNLNAIRVG QVLKVSNAAG SNNTQNTTQP SAGVPTNTAS STTG YTVKSG DTL SAIAAAN GVSLANLLSW NNL SLQAIY PGQKLTIQNA NNATVTPNA PTSTPTVMPS TNGSYTVKSG DTL YGIAAKL GTNVQTL LSL NGLQLSSTIY VGQVLKTTGA PVAGAGTATS TPTPVPTVS KPAAANGVST AGLSAAQAAW LRTAVVDAQA ATAGTGV LAS VTVAQAILES GWGQSALASA PYHNFNLYLI KVKNTWKLM T LLLS
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. -□ A minimum of 12 months from date of receipt, when stored at ≤-20 °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.

Background

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.