

Recombinant Rat TPC1808 protein, His-tagged

Cat. No. TPC1808-909R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat TPC1808 protein(1-275 aa), fused with His tag, was expressed in E.coli.
Species	Rat
Source	E.coli
ProteinLength	1-275 aa
Form	Lyophilized from a 0.2 µ filtered concentrated solution in PBS, pH 7.4.
Molecular Mass	Approximately 29.1 kDa, a single non-glycosylated polypeptide chain containing 304 amino acids, with 6 x His at the N-terminus.
AASequence	MSYYHHHHHH DYDIPTTENL YFQAMDPEFM NLAQIAALNQ ISNLNAIRVG QVLKVSNAAG SNNTQNTTQP SAGVPTNTAS STTGYTVKSG DTLAIAAAN GVSLANLLSW NNLSLQAIY PGQKLTIQNA NNATVTPNA PTSTPTVMPS TNGSYTVKSG DTLYGIAAKL GTNVQTLLSL NGLQLSSTIY VGQVLKTTGA PVAGAGTATS TPTPVTPTVS KPAAANGVST AGLSAAQAAW LRTAVVDAQA ATAGTGVLAS VTVAQAILES GWGQSALASA PYHNFNLYLI KVKNTWKLMT LLLS
Endotoxin	Less than 1 EU/g of rRtTPC1808, His as determined by LAL method.
Purity	>95% by SDS-PAGE and HPLC analyses.

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Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 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.
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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.
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