

## 32-2866: TRPT1 Recombinant Protein

**Alternative Name :** tRNA 2'-phosphotransferase 1, TRPT1.

### Description

Source : Escherichia Coli. TRPT1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 277 amino acids (1-253) and having a molecular mass of 30.3kDa. TRPT1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. tRNA 2'-phosphotransferase 1 (TRPT1) is a member of the KptA/TPT1 family. TRPT1 catalyzes the last step of tRNA splicing, the transfer of the splice junction 2'-phosphate from ligated tRNA to NAD to produce ADP-ribose 1"-2" cyclic phosphate. TRPT1 is broadly expressed; it is weakly or not expressed in the lung, spleen, small intestine and peripheral blood leukocytes.

### Product Info

<b>Amount :</b>	10 µg
<b>Purification :</b>	Greater than 95.0% as determined by SDS-PAGE.
<b>Content :</b>	The TRPT1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.
<b>Storage condition :</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SGLVPRGSH MGS HMNFSGG GRQEAAGSRG RRAPRPREQD RDVQLSKALS YALRHGALKL GLPMGADGFV PLGTLLQLPQ FRG FSAEDVQ RVVD TNRKQR FALQLGDPST GLLIRANQGH SLQVPKLELM PLETPQALPP MLVHGTFWKH WPSILLKGLS CQGRTHIHLA PGLPGDPGII SGMRS HCEIA VFIDGPLALA DGIPFFRSAN GVILTPGNTD GFLLPKYFKE ALQLRPTRKP LSLAGDEETE CQSSPKHSSR ERRRIQQ.

