

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

Amount :	10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The TRPT1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSHMNFSGG GRQEAAGSRG RRAPRPREQD RDVQLSKALS YALRHGALKL GLPMGADGFV PLGTLQLPQ FRGFS AEDVQ RVVDTNRKQR FALQLGDPST GLLIRANQGH SLQVPKLELM PLETPQALPP MLVHGTFWKH WPSILLKGLS CQGRTHIHLA PGLPGDPGII SGMRS HCEIA VFIDGPLALA DGIPFFRSAN GVILTPGNTD GFLLPKYFKE ALQLRPTRKP LSLAGDEETE CQSSPKHSSR ERRRIQQ.