

Human RTCA Recombinant Protein



RPPB4533

Product Information Protein Information

Product SKU:

RPPB4533

Accession:

O00442

Host:

Escherichia Coli.

Protein description:

RTCA Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 389 amino acids (1-366a.a) and having a molecular mass of 41.7kDa. RTCA is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

RNA 3'-terminal phosphate cyclase, RPC, RTC1, RTCD1, RNA cyclase, RNA-3'-phosphate cyclase, RNA terminal phosphate cyclase domain-containing protein 1, RTC domain-containing protein 1, RTCA, RPC1.

Formulation:

RTCA protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.

Purity:

Greater than 85.0% as determined by SDS-PAGE.

Stability:

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 Sequence:

MGSSHHHHH SSSLVPRGSH MGSMAGPRVE VDGSIMEGGG QILRVSTALS CLLGLPLRVQ KIRAGRSTPG
LRPQHLSGLE MIRDLCDGQL EGAEIGSTEI TFTPEKIKGG IHTADTKTAG SVCLLMQVSM PCVLFAASPS
ELHLKGGTNA EMAPQIDYTV MVFKPIVEKF GFIFNCDIKT RGYYPKGGGE VIVRMSPVKQ LNPINLTERG
CVTKIYGRAF VAGVLPFKVA KDMAAAVRC IRKEIRDLYV NIQPVQEPKD QAFGNGNGII IIAETSTGCL
FAGSSLGKRG VNADKVGIEA AEMLLANLRH GGTVDEYLQD QLIVFMALAN GVSRIKTGPV TLHTQTAIHF
AEQIAKAKFI VKKSEDEEDA AKDTYIIECQ GIGMTNPNL.