

Human RNGTT Recombinant Protein



RPPB2251

Product Information Protein Information

Product SKU:

RPPB2251

Accession:

O60942

Host:

Escherichia Coli.

Protein description:

RNGTT Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 620 amino acids (1-597a.a) and having a molecular mass of 70.9kDa. RNGTT is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

RNA Guanylyltransferase And 5'-Phosphatase, CAP1A, RNA Guanylyltransferase And 5-Phosphatase, HCAP1, HCE1, HCE, mRNA-Capping Enzyme, HCAP 3, mRNA-capping enzyme.

Formulation:

RNGTT protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 7.5), 0.2M NaCl, 40% glycerol, 2mM DTT and 0.1mM PMSF.

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:

MGSSHHHHHH SSSLVPRGSH MGSMAHNKIP PRWLNCPRRG QPVAGRFLPL KTMGLGPRYDS QVAEENRFHP
SMLSNYLKSL KVKMGLLVLD TNSRFYDRN DIEKEGIKYI KLQCKGHGEC PTTENTETFI RLCERFNERN
PPELIGVHCT HGFNRTGFLI CAFLVEKMDW SIEAAVATFA QARPPGIYKG DYKELFRRY GDIEEAPPPP
LLPDWCFEDD EDEDEDEDGK KESEPGSSAS FGKRRKERLK LGAIFLEGVT VKGVTQVTTQ PKLGEVQQKC
HQFCGWEGSG FPGAQVSM D KQNIKLLDLK PYKVSWKADG TRYMMLIDGT NEVFMIDRDN SVFHVSNLEF
PFRKDLRMHL SNTLLDGEMI IDRVNGQAVP RYLIYDIKF NSQPVGDCDF NVRLQCIERE IISPRHEKMK
TGLIDKTQEP FSVRNKPPFD ICTSRKLEG NFAKEVSTEM DGLIFQPTGK YKPGRCDDIL KWKPPSLNSV
DFRLKITRMG GEGLLPQNVG LLYVGGYERP FAQIKVTKEL KQYDNKIEC KFENNSWVFM RQRDTSFPN
AYNTAMAVCN SISNPVKEM LFEFIDRCTA ASQGQKRKHH LDPDELMPP PPPKRPRPLT.