

# Human QTRT1 Recombinant Protein



RPPB2239

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## Product Information    Protein Information

**Product SKU:**

RPPB2239

**Accession:**

Q9BXR0

**Host:**

Escherichia Coli.

**Protein description:**

QTRT1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 428 amino acids (1-403 a.a) and having a molecular mass of 46.7kDa. QTRT1 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

Queuine tRNA-Ribosyltransferase 1, tRNA-Guanine Transglycosylase, TGT, Guanine Insertion Enzyme, EC 2.4.2.29, TGUT, Queuine tRNA-Ribosyltransferase, TGT, Catalytic Subunit, TGT, 43-KD Subunit, FP3235, Queuine tRNA-ribosyltransferase.

**Formulation:**

QTRT1 protein solution (0.25mg/ml) containing Phosphate buffered saline (pH7.4), 30% glycerol and 1mM DTT.

**Purity:**

Greater than 80.0% 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 SSGLVPRGSH MGSEFMAGAA TQASLESAPR IMRLVAECSR SRARAGELWL PHGTVATPVF  
MPVGTQATMK GITTEQLDAL GCRICLGNTY HLGLRPGPEL IQKANGLHGF MNWPHNLLTD SGGFQMVS  
SLSEVTEEGV RFRSPYDGNE TLLSPEKSVQ IQNALGSDII MQLDDVVSST VTGPRVEEAM YRSIRWLDRC  
IAAHQRPKDQ NLFQIQQGL DADLRATCLE EMTKRDVPGF AIGGLSGGES KSQFWRMVAL STSRLPKDKP  
RYLMGVGYAT DLVVCVALGC DMFDCVFPTR TARFGSALVP TGNLQLRKKV FEKDFGPIDP ECTCPTCQKH  
SRAFLHALLH SDNTAALHHL TVHNIAYQLQ LMSAVRTSIV EKRFDPDFVRD FMGAMYGDPT LCPTWATDAL  
ASVGITLG.