

Queuine TRNA-Ribosyltransferase 1 Human Recombinant

Item Number	rAP-2042
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
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.
Uniprot Accesion Number	Q9BXR0
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSEFMAGAA TQASLESAPR IMRLVAECSR SRARAGELWL PHGT-VATPVF MPVGTQATMK GITTEQLDAL GCRICLGNTY HLGLRPGPEL IQKANGLHGF MNWPHNLLTD SGGFQMVSLV SLSEVTEEGV RFRSPYDGNL TLLSPEKSVQ IQNALGSDII MQLDDVVSST VTGPRVEEAM YRSIR-WLDRC
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	QTRT1 protein solution (0.25mg/ml) containing Phosphate buffered saline (pH7.4), 30% glycerol and 1mM DTT. Greater than 80.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**