

Queuine TRNA-Ribosyltransferase Domain Containing 1 Human Recom-

Item Number	rAP-2036
Synonyms	 Queuine TRNA-Ribosyltransferase Domain Containing 1, EC 2.4.2.29, Queuine TRNA-Ribosyltransferase Domain-Containing Protein 1, QTRTD1.
Description	QTRTD1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 438 amino acids (1-415 a.a) and having a molecular mass of 49.1kDa.QTRTD1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9H974
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MGSMKLSLTK VVNGCRLGKI KNLGKTGDHT MDIPGCLLYT KTG-SAPHLTH HTLHNIHGVP AMAQLTLSSL AEHHEVLTEY KEGVGKFIGM PESLLYCSLH DPVSPCPAGY VTNKSVSVWS VAGRVENTVS KFMAIQKALQ PDWFQCLSDG EVSCKEATSI KRVRKSVDRS LLFLD-NCLRL QEESEVLQKS VIIGVIEGGD VMEERLRSAR ETAKRPVGGF LLDGFQGNPT TLEARLRLLS SVTAELPEDK PRLISGVSRP DEVLECIERG VDLFESFFPY QVTERGCALT FSFDYQPNPE ETLLQQNGTQ EEIKCMDQIK KIETTGCNQE ITSFEINLKE KKYQEDFNPL VRGCSCYCCK NHTRAYIHHL
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless 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	QTRTD1 protein solution (0.25mg/ml) containing Phosphate buffered saline (pH7.4) 30% glycerol, 2mM DTT, 1mM EDTA and 0.1mM PMSF. Greater than 95.0% 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**