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QTRTD1, 1-415aa Human, His tag, E.coli

产品货号: TP03617

第三版

别名: Queuine tRNA-ribosyltransferase subunit QTRTD1, FLJ12960, Queuine tRNA-ribosyltransferase domain-containing protein 1, Queuine tRNA ribosyltransferase subunit QTRTD1

描述: QTRTD1 interacts with QTRT1 to form an active queuine tRNA-ribosyltransferase. This enzyme exchanges queuine for the guanine at the wobble position of tRNAs with GUN anticodons (tRNA-Asp, -Asn, -His and -Tyr), thereby forming the hypermodified nucleoside queuosine. Recombinant human QTRTD1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In Phosphate buffer saline (pH 7.4) containing 30% glycerol, 2mM DTT, 1mM EDTA, 0.1mM PMSF

分子量: 49.1kDa (438aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMKLSLTKVVNGCRLGKIKNLGKTGDHTMDIPGCLLYTKTGSAPHLTHHTLHNIH
GVPAMAQLTLSSLAEHHEVLTEYKEGVGKFIGMPESLLYCSLHDPVSPCPAGYVTNKSVSVWSVAGRVEMTVSKFMAIQK
ALQPDWFQCLSDGEVSCKEATSIKRVKSVDRSLLFLDNCLRLQEESEVLQKSVIIGVIEGGDVMEERLRSARETAKRPVGG
FLLDGFQGNPTTLEARLRLSSVTAELPEDKPRLLISGVSRPDEVLECIERGVDLFEFFPYQVTERGCALTFSDYQPNPEETLL
QQNGTQEEIKCMDQIKKIETTGCNQEITSFEINLKEKKYQEDFNPLVRGCSCYCKNHTRAYIHLLVTNELLAGVLLMM
HNFEHYFGFFHYIREALKSDKLAQLKELIHRQAS

纯度: > 95% by HPLC

浓度: 0.25 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.