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TREX2, 1-236aa, Human, His tag, E.coli

产品货号: TP04308

第三版

别名: Three prime repair exonuclease 2

描述: TREX2 is an enzyme containing 3-prime-to-5-prime exonuclease activity and removes mismatched, modified, fragmented, and normal nucleotides to generate the appropriate 3-prime termini for subsequent steps in the DNA metabolic pathways. This enzyme is involved in DNA replication, repair, and recombination. Recombinant human TREX2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl, 5mM DTT, 30% glycerol

分子量: 28.0 kDa (256aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMSEAPRAETFVFLDLEATGLPSVEPEIAELSLFAVHRSSLENPEHDESGALVLPRLDKLTL  
CMCPERPFTAKASEITGLSSEGLARCRKAGFDGAVVRTLQAFLSRQAGPICLVAHNGFDYDFPLLCAELRRLGARLPRDTV  
CLDTLPALRGLDRAHSHGTRARGRQGYSLGSLFHRYFRAEPSAAHSAEGDVHTLLIFLHRAAELLAWADEQARGWAHIE  
PMYLPPDDPSLEA

纯度: > 95% by HPLC

浓度: 1 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.