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REXO2, 26-237 aa, Human, His tag, E.coli

产品货号: TP03719

第三版

别名:Oligoribonuclease, mitochondrial, REX2, RNA exonuclease 2 homolog (S. cerevisiae), CGI-114, REX2, RFN, SFN

描述:REXO2 is a 3'-to-5' exonuclease specific for small (primarily 5 nucleotides or less in length) single-stranded RNA and DNA oligomers. This protein may have a role in DNA repair, replication, and recombination, and in RNA processing and degradation. It may also be involved in resistance of human cells to UV-C-induced cell death through its role in the DNA repair process. Recombinant human REXO2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol

分子量:26.8kDa (235aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSVREGGAAMAAGESMAQRMVWVDLEMTGLDIEKDQIEMACLITDSDLNILAEGP  
NLIKQPDELLDSMSDWCKEHHGKSGLTAVKESTITLQQAIEYFLSFVRQQTPPGLCPLAGNSVHEDKKFLDKYMPQFM  
KHLHYRIIDVSTVKELCRRWYPEEYEFAPKKAASHRALDDISESIKELQFYRNNIFKKKIDKRRKIIENGENEKTVS

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.