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NUDT16, 1-195aa, Human, His tag, E.coli

产品货号: TP03225

第三版

别名:Nudix type motif 16

描述:NUDT16 is nuclear nucleoside diphosphatase proteins localized within foci in the nucleolus and nucleoplasm. This is a RNA-decapping enzyme that binds specifically to U8 snoRNA. It can remove m7G and m227G caps from RNAs, rendering them substrates for 5' -3' exonucleases for degradation in vivo. Recombinant human NUDT16 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 1mM DTT, 100mM NaCl

分子量:23.4kDa (215aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMAGARRLELGEALALGSGWRHACHALLYAPDPGMLFGRIPLRYAILMQMRFDGRLGFP
GGFVDTQDRSLEDGLNRELREELGEAAAFRVERTDYRSSHVGSGPRVVAHFYAKRLTLEELLAVEAGATRAKDHGLEVL
GLVRVPLYTLRDGVGGLPTFLENSFIGSAREQLLEALQDLGLLQSGSISGLKIPAAH

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.