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NUDT2, 1-147aa, Human, His tag, E.coli

产品货号: TP03227

第三版

别名:bis(5'-nucleosyl)-tetrphosphatase [asymmetrical].APAH1, MGC10404.

描述:NUDT2 is a member of the MutT family of nucleotide pyrophosphatases, a subset of the larger NUDIX hydrolase family. This protein maintains homeostasis by using water to cleave the metabolite NUDT symmetrically back into its original ATP and AMP molecules. NUDT2 is also active towards other adenosine and diadenosine polyphosphates with four or more phosphate groups, but not towards diadenosine triphosphate.

配方:Liquid. In 20mM Tris buffer(pH 8.0) containing 10% glycerol, 1mM DTT, 0.1M NaCl.

分子量:19.0 kDa (167aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMALRACGLIIFRRCLIPKVDNNAIEFLLQASDGIHHWTPPKGHVEPGEDDLETALRETQ  
EEAGIEAGQLTIIIEGFKRELNYVARNKPKTVIYWLAEVKDYDVEIRLSHEHQAYRWLGLLEEACQLAQFKEMKAALQEGHQ  
FLCSIEA

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.