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NUDT3, 1-172aa, Human, His tag, E.coli

产品货号: TP03229

第三版

别名:Nudix (nucleoside diphosphate linked moiety X)-type motif 3, DIPP, DIPP1

描述:NUDT3, also known as DIPP, DIPP1 (diphosphoinositol polyphosphate phosphohydrolase 1), is a 172 amino acid cytoplasmic protein belonging to the nudix hydrolase family and DIPP subfamily. NUDT3 acts as a negative regulator of the ERK 1/2 pathway and hydrolyzes 5-phosphoribose 1-diphosphate. NUDT3 exists as a monomer and binds magnesium as a cofactor.

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

分子量:21.6 kDa (192aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMMKLKSNQTRTYDGDGYKKRAACLFRSESEEEVLLVSSSRHPDRWIVPGGGMEPEEPP  
SVAAVREVCEEAGVKGTLGRLVGIFENQERKHRTYVYVLIVTEVLEDWEDSVNIGRKREWFKIEDAIKVLQYHKPVQASY  
FETLRQGYSANNGTPVVATTYSVSAQSSMSGIR

纯度:> 95% by HPLC

浓度:0.5 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.