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NUDT10, 1-164aa, Human, His tag, E.coli

产品货号: TP03223

第三版

别名:Diphosphoinositol polyphosphate phosphohydrolase 3-alpha, APS2, DIPP3a, hDIPP3alpha

描述:NUDT10, also known as APS2 or DIPP3 , is a member of the Nudix hydrolase family of pyrophosphatases. Nudix hydrolases contain a characteristic Nudix domain and are responsible for catalyzing the hydrolysis of nucleoside diphosphate derivatives. It functions as a manganese-dependent polyphosphate phosphohydrolase with an optimum pH of 8.5. This protein specifically metabolizes diadenosine-polyphosphates and, to a lesser extent, diphosphoinositol polyphosphates.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl,1mM DTT

分子量:19.5 kDa (172aa) confirmed by MALDI-TOF

序列:

MKCKPNQTRTYDPEGFKKRAACLFRSEREDEVLLVSSSRYPDRWIVPGGGMEPEEEPPGGAAVREYEEAGVKGKLGRL  
GVFEQNQDPKHRTYVYVLTVTELEDWEDSVSIGRKREWFKVEDAIKVLQCHKPVHAEYLEKLLGGSP TNGNSMAPSS  
PDSDPLEHHHHHH

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.