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UDP, 1-253aa, E.coli, His tag, E.coli

产品货号: TP04415

第三版

别名:UrdPase, Upase, Uridine phosphorylase

描述:Uridine phosphorylase(UDP) catalyzes the reversible phosphorylytic cleavage of uridine and deoxyuridine to uracil and ribose- or deoxyribose-1-phosphate. The produced molecules are then utilized as carbon and energy sources or in the rescue of pyrimidine bases for nucleotide synthesis. This enzyme belongs to the family of glycosyltransferases, specifically the pentosyltransferases. The systematic name of this enzyme class is uridine:phosphate alpha-D-ribosyltransferase. Other names in common use include pyrimidine phosphorylase, UrdPase, UPH, and UPase. Recombinant E.coli UDP 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, 50mM NaCl

分子量:29.3kDa (273aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMSKSDVFHLGLTKNDLQGATLAIVPGDPDRVEKIAALMDKPVKLAHREFTTWRAELD
GKPVIVCSTGIGGPSTSI AVEELAQLGIRTF LRIGTTGAIQPHINVGDLVTTASVRLDGASLHFAPLEFP AVADFECTTALVE
AAKSIGATTHVGV TASSDTFY PGQERYDTYSGRVVRHFKGSMEEWQAMGVMNYEMESATLLTMCASQGLRAGMVAGV
IVNRTQQEIPNAETMKQTESHAVKIVVEAARRLL

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.