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DERA, 1-318aa, Human, His tag, E.coli

产品货号: TP01865

第三版

别名: Putative deoxyribose-phosphate aldolase, CGI-26, DEOC.

描述: DERA, also known as deoxyribose-phosphate aldolase, belongs to the deoC/fbaB aldolase protein family involved in the carbohydrate degradation pathway. This protein catalyzes the conversion of 2-deoxy-D-ribose 5-phosphate to D-glyceraldehyde 3-phosphate and an acetylaldehyde. Recombinant human DERA protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

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

分子量: 37.3 kDa (338aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMSAHNRGTDLDSWISKIQVNHPAVLRRAEQIQARRTVKKEWQAAWLLKAVTFIDLTT  
LSGDDTSSNIQRLCYKAKYPIREDLLKALNMHDKGITTAAVCVYPARVCDVAVKALKAAGCNIPVASVAAGFPAGQTHLK  
TRLEEIRLAVEDGATEIDVVINRSLVLTGQWEALYDEIRQFRKACGEAHLKTILATGELGTLTNVYKASMIAMMAGSDFIK  
TSTGKETVNATFPVAIVMLRAIRDFFWKTGNKIGFKPAGGIRSAKDSLAWLSLVKEELGDEWLKPELFRIGASTLLSDIERQI  
YHHVTGRYAAYHDLPMs

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.