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Fructose-1,6-bisphosphatase 1, 1-338aa, Human, His tag, E.coli

产品货号: TP02149

第三版

别名:FBPase1, FBP, FBP1

描述:Fructose-1,6-bisphosphatase 1(FBP1) is a gluconeogenesis regulatory enzyme, catalyzes the hydrolysis of fructose 1,6-bisphosphate to fructose 6-phosphate and inorganic phosphate. Fructose-1,6-diphosphatase deficiency is associated with hypoglycemia and metabolic acidosis. Recombinant FBP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 1mM DTT, 10% glycerol.

分子量:39.0 kDa (358aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMADQAPFDTDVNTLTRFVMEEGRKARGTGELTQLLNSLCTAVKAISSAVRKAGIAHLY
GIAGSTNVTGDQVKKLDVLSNDLVMNMLKSSFATCVLVSEEDKHAIIVEPEKRGKYVVCFDPLDGSSNIDCLVSVGTIFGI
YRKKSTDEPSEKDALQGRNLVAAGYALYGSATMLVLAMDCGVNCFMLDPAIGEFILVDKDVKIKKKGKIYSLNEGYARD
FDPAVTEYIQRKKFPPDNSAPYGARYVGS MVADVHRTL VYGGIFLYPANKKSPNGKLRLLYECNPMAYVMEKAGGMATT
GKEAVLDVIPTDIHQRAPVILGSPDDVLEFLKVYEKHS AQ

纯度:> 95% by HPLC

浓度:1mg/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.