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FN3K, 1-309aa, Human, His tag, E.coli

产品货号: TP02141

第三版

别名:Fructosamine-3-kinase, Fructosamine 3 kinase

描述:FN3K catalyzes the phosphorylation of fructosamines which may result in deglycation, the non-enzymatic reaction of glucose with primary amines followed by Amadori re-arrangement. Phosphorylation of fructosamines may initiate metabolism of the modified amine and lead to the de-glycation of fructoselysine and of glycated proteins. Recombinant human FN3K protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

分子量:37kDa (332aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSMQQLRAELRTATLRAFGGPGAGCISEGRAYDTDAGPVFVKVNRRTQARQMFEGE
VASLEALRSTGLVRVPRPMKVIDLPGGGAAFVMEHLKMKSLSSQASKLGEQMADLHLYNQKLREKLKEEENTVGRRGEG
AEPQYVDKFGFHTVTCCGFIPQVNEWQDDWPTFFARHRLQAQLDLIEKDYADREARELWSRLQVKIPDLFCGLEIVPALL
HGDLWSGNVAEDDVGPIIYDPASFYGHSEFELAIALMFGGFPRSSFTAYHRKIPKAPGFDQRLLLYQLFNLYLNHWNHFGRE
YRSPSLGTMRRLLK

纯度:> 95% by HPLC

浓度:0.25 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.