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FN3KRP, 1-309aa, Human, His tag, E.coli

产品货号: TP02142

第三版

别名:Ketosamine-3-kinase, FN3KL, FN3K-related protein

描述:Ketosamine-3-kinase, also known as FN3KRP, catalyzes the phosphorylation of psicossamines and ribulosamines compared to the neighboring gene which encodes a highly similar enzyme, fructosamine-3-kinase, which has different substrate specificity. The activity of both enzymes may result in deglycation of proteins to restore their function. Recombinant human FN3KRP protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

分子量:36.8kDa (332aa)

序列:

MGSSHHHHHHSSGLVPRGSHMGSMEE LLRRELGCSSVRATGHSGGGCISQGRSYD TDQGRV FVKVNPKAEARRMFEGE
MASLTAILKTNTVKVPKPIKVL DAPGGGSVLVMEHMDMRHLSSHA AKLGAQLADLHLDNKKLGEMRLKEAGTVGRGG
GQEERPFVARFGFDVVTCCGYLPQVNDWQEDWVVFYARQRIQPQMDMVEKESGDREALQLWSALQLKIPDLFRDLEIIP
ALLHGDLWGGNVAEDSSGPVIFDPASFYGHSEYELAIAGMFGGSSSFYSAYHGKIPKAPGF EKRLQLYQLFH YLNHNHWNHF
GSGYRGSSLNIMRNLVK

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.