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glpE, 1-108aa, E.coli, His tag, E.coli

产品货号: TP02256

第三版

别名:Thiosulfate:cyanide sulfurtransferase (rhodanese), ECK3411, JW3388

描述:Thiosulfate:cyanide sulfurtransferase (rhodanese), also known as glpE, is a mitochondrial matrix enzyme that is encoded by the nucleus. glpE catalyzes the sulfur-transfer reaction in which a sulfur atom is transferred from thiosulfate to cyanide by a double-displacement mechanism. Escherichia coli glpE is a prototype for the single-domain rhodanese superfamily. Recombinant E.coli glpE 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 10% glycerol

分子量:14.5kDa (131aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMDFECINVADAHQKLQEKEAVLVDIRDPQSFAMGHAVQAFHLTNDTLGAFMR  
DNDFDTPVMVMCYHGNSSKGAAQYLLQQGYDVVYSIDGGFEAWQRQFPAEVAYGA

纯度:> 95% by HPLC

浓度:0.5mg/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.