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cysH, 1-244aa, E.coli, His tag, E.coli

产品货号: TP01816

第三版

别名:Phosphoadenosine phosphosulfate reductase

描述:CysH (Phosphoadenosine phosphosulfate reductase) belongs to the PAPS reductase family, specifically those acting on a sulfur group of donors with a disulfide as acceptor. In enzymology, a cysH is an enzyme that catalyzes the chemical reaction. Three substrates of this enzyme are adenosine 3',5'-bisphosphate, sulfite, and thioredoxin disulfide, whereas its two products are 3'-phosphoadenylyl sulfate and thioredoxin.

配方:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 1mM DTT, 20% glycerol

分子量:30.1kDa (264aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMSKLDLNALNELPKVDRILALAETNAELEKLEDAEGRVAWALDNLPGEYVLSSSSFGIQAAV
SLHLVNQIRPDIPVILTDTGylFPETYRFIDELTDKlKLNLKVYRATESAAWQEARYGKLWEQGVEGIEKYNDINKVEPMN
RALKELNAQTFAGLRREQSGSRANLPVLAIQRGVFKVLPliDWDNRTIYQYLQKHGLKYHPLWDEGYLSVGDTHHTRK
WEPGMAEEETRFFGLKRECGLHEG

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.