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msrB, 1-137aa, E.coli, His tag, E.coli

产品货号: TP03036

第三版

别名: Methionine sulfoxide reductase B, ECK1776, JW1767, yeaA

描述: MsrB, also known as, methionine sulfoxide reductase B from Escherichia coli, belongs to the msrB Met sulfoxide reductase family. E.coli msrB carries out the reduction of methionine-R-sulfoxide to methionine. This protein possess a metal binding site composed of two CXXC motifs. The bound metal (zinc or iron) may stabilize the conformation of the enzymes.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl, 1mM DTT

分子量: 17.6 kDa (157aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMANKPSAEELKKNLSEMQFYVTQNHGTEPPFTGRLLHNKRDGVYHCLICDAPLFHSQT  
KYDSGCGWPSFYEPVSEESIRYIKDLSHGMRQIEIRCGNCD AHLGHVFPDGPQPTGERYCVNSASLRFTDGENGEEING

纯度: > 95% by HPLC

浓度: 1.0 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.