

Recombinant E.coli MsrB, His-tagged

SPECIFICATION

Cat.No.	msrB-980E
Species	E. coli
Product Name	Recombinant E.coli MsrB, His-tagged
Product Overview	Recombinant E. coli msrB protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques(1-137aa).
Description	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.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol; 0.1M NaCl,1mM DTT
Purity	> 95% by SDS - PAGE
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	1.0 mg/ml (determined by Bradford assay)
Gene Name	msrB methionine sulfoxide reductase B [Escherichia coli str. K-12 substr. MG1655]
Synonyms	msrB; methionine sulfoxide reductase B; ECK1776; JW1767; EC 1.8.4.12
Gene ID	947188
Protein Refseq	NP_416292