

MSRA Human

Methionine Sulfoxide Reductase A Human Recombinant
ENZ0879

Product Overview

Name MSRA Human

Description

Methionine Sulfoxide Reductase A Human Recombinant

Accession (Primary) [Q9UJ68](#)

Synonyms

Peptide methionine sulfoxide reductase MsrB, Peptide-methionine (R)-S-oxide reductase, msrB, yeaA, b1778, JW1767.

Introduction

Methionine sulfoxide reductase B (MsrB) from Escherichia coli is a member of the msrB Met sulfoxide reductase family. The E.coli msrB carries out the reduction of methionine-R-sulfoxide to methionine. msrB possess a metal binding site composed of 2 CXXC motifs. The bound metal (zinc or iron) may stabilize the conformation of the enzymes.

Source

Escherichia Coli.

Physical Appearance

Sterile filtered colorless solution.

Formulation

MSRB protein solution (1mg/ml) 20mM Tris-HCl buffer (pH8.0), 20% glycerol 0.1M NaCl and 1mM DTT.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SGLVPRGSH MANKPSAEEL KKNLSEMQFY VTQNHGTEPP FTGRLLHNKR DGVYHCLICD
APLFHSQTKY DSGCGWPSFY EPVSEESIRY IKDLSHGMQR IEIRCGNCDA HLGHVFPDGP QPTGERYCVN
SASLRFTDGE NGEEING.

Precautions

MSRA Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: ([Q9UJ68](#))
