

## 32-2567: MSRB Recombinant Protein

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

### Description

Source : Escherichia Coli. MSRB produced in E.Coli is a single, non-glycosylated polypeptide chain containing 157 amino acids (1-137 a.a.) and having a molecular mass of 17.6kDa. MSRB is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 95.0% as determined by SDS-PAGE.  
**Content :** MSRB protein solution (1mg/ml) 20mM Tris-HCl buffer (pH8.0), 20% glycerol 0.1M NaCl and 1mM DTT.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MANKPSAEEL KKNLSEMQFY VTQNHGTEPP FTGRLLHNKR  
 DGVYHCLICD APLFHSQTKY DSGCGWPSFY EPVSEESIRY IKDLSHGMQR IEIRCGNCDA HLGHVFPDGP  
 QPTGERYCVN SASLRFTDGE NGEIING.

