

Methionine Sulfoxide Reductase A E.Coli Recombinant

Item Number	rAP-1765
Synonyms	Peptide methionine sulfoxide reductase MsrA, Protein-methionine-S-oxide reductase, Peptide-methionine (S)-S-oxide reductase, Peptide Met(O) reductase, msrA, pms, b4219, JW4178.
Description	MSRA produced in E.Coli is a single, non-glycosylated polypeptide chain containing 232 amino acids (1-212 a.a.) and having a molecular mass of 25.4kDa. MSRA is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P0A744
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSLFDKKHLV SPADALPGRN TPMPVATLHA VNGHSMTNVP DGMEIAIFAM GCFWGVVERLF WQLPGVYSTA AGYTGGYTPN PTYREVCSDG TGHAEAVRIV YDPSVISYEQ LLQVFWENHD PAQGMRQGND HGTQYRSAIY PLTPEQDAAA RASLERFQAA MLAADDRHI TTEIANATPF YYAEDDHQQY LHKNPYGYCG IGGIGVCLPP EA.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	MSRA protein solution (0.5mg/ml) 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 0.1M NaCl. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**