

## Methionine Sulfoxide Reductase A Human Recombinant

<b>Item Number</b>	rAP-1803
<b>Synonyms</b>	Mitochondrial peptide methionine sulfoxide reductase, Peptide-methionine (S)-S-oxide reductase, Peptide Met(O) reductase, Protein-methionine-S-oxide reductase, PMSR, MSRA.
<b>Description</b>	MSRA Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 237 amino acids (24-235) and having a molecular mass of 26.2kDa. The MSRA is fused to a 24 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q9UJ68
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSHMGNSAS NIVSPQEALP GRKEQTPVAA KHHVNGNRTV EP-FPEGTQMA VFGMGCFWGA ERKFWVLKGV YSTQVGFAGG YTSNPTYKEV CSEKTGHAEV VRVYQPEHM SFEELLKVFV ENHDPTQGMR QGNDHGTQYR SAIYPTSAKQ MEAALSSKEN YQKVLSEHGF GPITTDIREG QTFYYAEDYH QQYLSKNPNG YCGLGGTGVS CPVGIKK.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear 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.
<b>Formulation and Purity</b>	MSRA protein solution (0.5mg/ml) is supplied in 20mM Tris-HCl buffer, pH8.0, 10% glycerol, 1mM DTT and 50mM NaCl. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**