

Product datasheet for **AR50393PU-N**

Methionine Sulfoxide Reductase A / MSRA (24-235, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Methionine Sulfoxide Reductase A / MSRA (24-235, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHMGNSAS NIVSPQEALP GRKEQTPVAA KHHVNGNRTV EPFPEGTQMA VFGMGCFWGA ERKFWVLKGV YSTQVGFAGG YTSNPTYKEV CSEKTGHAEV VRVVYQPEHM SFEELLKVFV ENHDPTQGMR QGNDHGTQYR SAIYPTSAKQ MEAALSSKEN YQKVLSEHGF GPITTDIREG QTFYYAEDYH QQYLSKNPNG YCGLGGTGVS CPVGIKK
Tag:	His-tag
Predicted MW:	26.2 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer, pH 8.0, 10% glycerol, 1 mM DTT, 50 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human MSRA protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001129142
Locus ID:	4482
UniProt ID:	Q9UJ68
Cytogenetics:	8p23.1
Synonyms:	PMSR



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Summary:

This gene encodes a ubiquitous and highly conserved protein that carries out the enzymatic reduction of methionine sulfoxide to methionine. Human and animal studies have shown the highest levels of expression in kidney and nervous tissue. The protein functions in the repair of oxidatively damaged proteins to restore biological activity. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2014]

Product images: