

Recombinant Full Length Human MSRA Protein, GST-tagged

Cat. No. MSRA-6468HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MSRA full-length ORF (NP_036463.1, 1 a.a. - 235 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	235 amino acids
Description	This protein is ubiquitous and highly conserved. It 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. Its proposed function is the repair of oxidative damage to proteins to restore biological activity. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Molecular Mass	52.5 kDa
AA Sequence	MLSATTRACQLLLLHSLFPVPRMGNSASNIVSPQEALPGRKEQTPVAAKHHVNGNR TVEPFPEGTQMAVFGMGCFWGAERKFWVLKGVYSTQVGFAGGYTSNPTYKEVCS EKTGHAEEVVRVYQPEHMSFEELLKVFWDHPTQGMRRQNDHGTQYRSAIPTS AKQMEAALSSKENYQKVLSEHGFGPITTDIREGQTFYYAEDYHQYLSKNPNGYCG LGGTGVSCPVGIKK
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	MSRA methionine sulfoxide reductase A [Homo sapiens]
Official Symbol	MSRA
Synonyms	MSRA; methionine sulfoxide reductase A; mitochondrial peptide methionine sulfoxide reductase; peptide Met(O) reductase; peptide met (O) reductase; protein-methionine-S-oxide reductase; peptide methionine sulfoxide reductase; peptide-methionine (S)-S-oxide reductase; cytosolic methionine-S-sulfoxide reductase; PMSR;
Gene ID	4482
mRNA Refseq	NM_001135670
Protein Refseq	NP_001129142
MIM	601250
UniProt ID	Q9UJ68

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