Recombinant Human MSRA

Cat. No. MSRA-1019H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	E.coli
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.
Storage	Methionine sulfoxide reductase A is supplied with a vial of storage buffer (20mM HEPES, pH 7.0). Store at -80 °C.

GENE INFORMATION

Gene Name	MSRA methionine sulfoxide reductase A [Homo sapiens]
Official Symbol	MSRA
Synonyms	MSRA; methionine sulfoxide reductase A; PMSR; mitochondrial peptide methionine sulfoxide reductase; OTTHUMP00000115600; OTTHUMP00000224855; OTTHUMP00000224856; OTTHUMP00000224858; OTTHUMP00000229541; OTTHUMP00000230073; peptide Met(O) reductase; peptide met (O) reductase; protein-methionine-S-oxide reductase; peptide methionine sulfoxide reductase;

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	peptide-methionine (S)-S-oxide reductase; cytosolic methionine-S-sulfoxide reductase
Gene ID	4482
mRNA Refseq	NM_012331
Protein Refseq	NP_036463
MIM	601250
UniProt ID	Q9UJ68
Chromosome Location	8p23
Function	oxidoreductase activity; peptide-methionine-(S)-S-oxide reductase activity

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