



# Recombinant Human Mitochondrial peptide methionine sulfoxide reductase (MSRA)

<b>Product Code</b>	CSB-BP883456HU
<b>Abbreviation</b>	MSRA
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9UJ68
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	GNSASNI VSPQEALPGR KEQTPVAAKH HVNGNRTVEP FPEGTQMAVF GMGCFWGAER KFWVLKGVYS TQVGFAGGYT SNPTYKEVCS EKTGHAEVVR VVYQPEHMSF EELLKVFWEH HDPTQGMRQG NDHGTQYRSA IYPTSAKQME AALSSKENYQ KVLSEHGFGP ITTDIREGQT FYAEDYHQQ YLSKNPNGYC GLGGTGVSCP VGIIK
<b>Source</b>	Baculovirus
<b>Target Names</b>	MSRA
<b>Protein Names</b>	Recommended name: Mitochondrial peptide methionine sulfoxide reductase EC= 1.8.4.11 Alternative name(s): Peptide-methionine (S)-S-oxide reductase Short name= Peptide Met(O) reductase Protein-methionine-S-oxide reductase Short
<b>Expression Region</b>	24-235
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

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