

## Product datasheet for TP308916

### Methionine Sulfoxide Reductase A (MSRA) (NM\_012331) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human methionine sulfoxide reductase A (MSRA), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208916 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MLSATRRACQLLLLHSLFPVPRMGNSASNIVSPQEALPGRKEQTPVAAKHHVNGNRTVEPFPEGTQMAVF GMGCFWGAERKFWLKGVYSTQVGFAGGYTSNPTYKEVCSEKTGHAEVRVWYQPEHMSFEELLKVFEN HDPTQGMRRQNDHGTQYRSAYPTSAKQMEAALSSKENYQKVLSEHGFGPITTDIREGQTFYYAEDYHQQ YLSKNPNGYCGLGGTGVSCPVGIIK  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	26 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_036463</a>
Locus ID:	4482

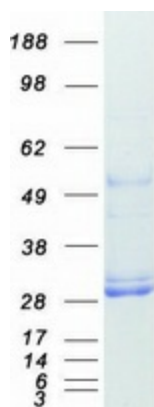


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UniProt ID: [Q9UJ68](#)  
RefSeq Size: 1543  
Cytogenetics: 8p23.1  
RefSeq ORF: 705  
Synonyms: PMSR

**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:



Coomassie blue staining of purified MSRA protein (Cat# TP308916). The protein was produced from HEK293T cells transfected with MSRA cDNA clone (Cat# [RC208916]) using MegaTran 2.0 (Cat# [TT210002]).