

## Product datasheet for TP501871

### Msra (BC014738) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse methionine sulfoxide reductase A (cDNA clone MGC:25961 IMAGE:4239349), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201871 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MLSASRRALQLLSSANPVRRMGDSASKVISAEALPGRTEPIPVTAHHVSGNRTVEPFPEGTQMAVFEK TGHAEVVRVVYRPEHISFEELLKVFENHDPTQGMRQGNDFGTQYRSVAVYPTSAVQMEALRSKEEYQKV LSKHNFGPITTDIREGQVFYAAEDYHQYLSKNPDGYCGLGGTGVSCPMAIKK</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	21.6 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Locus ID:	110265
UniProt ID:	<a href="#">Q9D6Y7</a>
RefSeq Size:	1300
Cytogenetics:	14 33.36 cM



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RefSeq ORF: 579

Synonyms: 6530413P12Rik, MSR-A

Summary: Has an important function as a repair enzyme for proteins that have been inactivated by oxidation. Catalyzes the reversible oxidation-reduction of methionine sulfoxide in proteins to methionine (By similarity).[UniProtKB/Swiss-Prot Function]