

## Product datasheet for **TP506817**

### Rad52 (NM\_001166383) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse RAD52 homolog, DNA repair protein (Rad52), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206817 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MAGPEEAVHRGCDNHPPFVGGKSVLLFGQSQYTADEYQAIQKALRQRLGPEYISSRMAGGGQKVCYIEGH RVINLANEMFGYNGWAHSITQQNVDFVDLNNGKFYVGVCAFKVQLKDGSYHEDVGYGVSEGLRSKALS EKARKEAVTDGLKRALRSFGNALGNCILDKDYLRSLNKLPRQLPLDVLTKTKREDFEPVSQARYNSCR QNEALGLPKPQEVTPCRSSPPHDSNIKLQGAKDISSCSLAATLES DATHQRKLRKLRQKQLQQQFREQ METRRQSHAPAEVAAKHAAVLPAPPKHSTPVTAASELLQEKVFPDNLEENLEMWDLTPDLEDIIKPLC RAEPAQTSATRTFNQDQSVPHIHCHQKPQEKPGPHLQTCNTNQHVLSRQVWKNESGFSNLTCKGKVL VHFKTLT</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	47.5 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.
RefSeq:	<a href="#">NP_001159855</a>
Locus ID:	19365



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UniProt ID:	<u>Q8VEE2</u>
RefSeq Size:	1626
Cytogenetics:	6 56.86 cM
RefSeq ORF:	1284
Synonyms:	Rad52yh
Summary:	Involved in double-stranded break repair. Plays a central role in genetic recombination and DNA repair by promoting the annealing of complementary single-stranded DNA and by stimulation of the RAD51 recombinase (By similarity).[UniProtKB/Swiss-Prot Function]