

Product datasheet for **TP520735**

Hormad2 (NM_029458) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse HORMA domain containing 2 (Hormad2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR220735 representing NM_029458 Red =Cloning site Green =Tags(s) MATAQLSHNTRTLKASKNTIFPSQVTNEHESLVVKKLFATCISCITYLRGLFPESSYRDRRLDDLCLKI LREDKKCPGSLHIKWIQGCDALEKRYLHMAVLTLYTNPKPEKVTIYQFRFKYTKKGTTMDFDSSST SFESGTDSEDIKKACSLIRQLYILMQNLGPLPNDVILTMKLHYNSVTPHDYQPPGFKEAVNSHFLLFE GEPVSLRMGSVSSGFHSMKVKTTEATRMLDGENSVSQDDGTTEIAHQGLDCDEEEEACGSQVQRMNFV H IEPSFESSRKKKKVSEPVTVFIPNRK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	34.8 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:	NP_083734
Locus ID:	75828
UniProt ID:	Q5SQP1



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RefSeq Size:	1343
Cytogenetics:	11 A1
RefSeq ORF:	918
Synonyms:	4930529M09Rik
Summary:	Essential for synapsis surveillance during meiotic prophase via the recruitment of ATR activity. Plays a key role in the male mid-pachytene checkpoint and the female meiotic prophase checkpoint: required for efficient build-up of ATR activity on unsynapsed chromosome regions, a process believed to form the basis of meiotic silencing of unsynapsed chromatin (MSUC) and meiotic prophase quality control in both sexes. Required for the DNA double-strand break-independent, BRCA1-dependent activation of ATR on the sex chromosomes that is essential for normal sex body formation.[UniProtKB/Swiss-Prot Function]