

Product datasheet for SC211097

HORMAD2 (NM_152510) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HORMAD2 (NM_152510) Human 3' UTR Clone
Symbol:	HORMAD2
Synonyms:	CT46.2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_152510
Insert Size:	938 bp
Insert Sequence:	>SC211097 3'UTR clone of NM_152510 The sequence shown below is from the reference sequence of NM_152510. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
GTGAAGGTCTTCATCCCTAACAGAAAATGAAAGCTAAATATTCCTTCTACATTTATTTTAAATAAGTT
TATTTTGTAAAAACATGCATAAACTGTCTAGCAGGAAAGTACATTCCTGTTACCAAAACCTTTTCTA
AATTTTTGCTCAATTTTTTTTGTCAAGTTGCTAAGTGCTAAATTACTGGCCAGGTAGGACGCGAGTCCA
CTTTGCCATAAGGAAAGCGGGTCAATAGGGCTGCCTCTGGATAGCATTACTTCAAAGCTGGGTTAGAGA
TGAGGCACCTTTTATATTATATTTGTAAAAGAACCACAGCAGCTATTTTGAAAGAAGCTGTTGTTCTC
AAAGGAAAGAAGGATTTTTTGCATAATTAACTCTTCAGCTATTTAGACTACTGTGAAATGTTTTGAC
TTGTTGTAACCTGTATACTGGAATCCCTCTCTAGCTGTATTAATAATCCACAGAGTTGCATAGGATG
TGTGGAGGTGCTTATCCAGGTGTGATTTATGTGTTAACCTCAGTCACGAGGTTGATCAGCTAATTGTGG
GACCAAAATGTGCCCTGCCTCAACTCTGGCCCCAGGCCCTGTTCTGTTATCCAATCCGAACACGGAAC
ATGCTGCAATTCAGGAGTCTGGCTCTCTTCTTAAGACCTATATTAATATTTCCCAAGAAGCACTTCAG
TTTATCAGTCTGTAACCTGCAAATGATGCTATTAGTCCCTCCTTATTCTGGAAGAATTTGGATAGACT
TAATTGATGATTAGTATGAGATGAACAATAGATGACTTAAAGTGTATTTCTATTATTTATATAACATG
AGATTTAGTAACCTATAAAATGAGGTTTAGTAATTTAATTTAAATGGATAGGACCAATAAGTTAAATAT
TAAGTGTGTGACTTATGTTAAATAAAATGAAAAATACAAGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI


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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_152510.4</u>
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 (By similarity).[UniProtKB/Swiss-Prot Function]
Locus ID:	150280
MW:	35.8