

Product datasheet for **SC210248**

Kinesin Heavy Chain 2 (KIF2A) (NM_004520) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Kinesin Heavy Chain 2 (KIF2A) (NM_004520) Human 3' UTR Clone
Symbol:	Kinesin Heavy Chain 2
Synonyms:	CDCBM3; HK2; KIF2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004520
Insert Size:	2000 bp



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Insert Sequence: >SC210248 3'UTR clone of NM_004520
 The sequence shown below is from the reference sequence of NM_004520. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATCAACCCGAAGAGACCCGTCGCCCTTAAACCGCATTGCTGCTAAAGGATACCCAGAACCCTCACT
ACTGTAACATACACGGTTCAGCTGTAAGGGCCATTTGAAAGTTTGAATTTTAAGTGTCTGTGAAAAA
TGTTTTGTCTTACCTGAATTACATTTCAATTTGTGAAACACTCTTTTGTCTACAAAATGCTTCTAG
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TGTGTTTTATTTCAAAGGGAAGAGGAAGGATGGAGAAGTGTACAATTTGACCTTGCAAAGGATATTTAAA
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AGCACAAACAGATGATTAGCTTCAAATTTATTTTGCATTGGATGGGACTGTCTTTGAAAAGTCTCCT
TATAGACAAATATGCTGCCTTACACTATGATGGCTTCACTCTGATCAGGATTTTTAAAAATTAGTACC
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

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: [NM_004520.5](#)

Summary: The protein encoded by this gene is a plus end-directed motor required for normal mitotic progression. The encoded protein is required for normal spindle activity during mitosis and is necessary for normal brain development. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]

Locus ID: 3796

MW: 77.3