

Product datasheet for **SC200291**

KIF22 (NM_007317) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KIF22 (NM_007317) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	KIF22
Synonyms:	A-328A3.2; KID; KNSL4; OBP; OBP-1; OBP-2; SEMDJL2
ACCN:	NM_007317
Insert Size:	104 bp
Insert Sequence:	>SC200291 3'UTR clone of NM_007317 The sequence shown below is from the reference sequence of NM_007317. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCCGCCGCCAGCGCTGTGGCGCTCTGACCGTCGTCTCTCACTCCGCCTTTTCAAATTTTGTATA ACCCCGTGTGTGTAATAACAGTTTTTGTCTCCGGT ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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_007317.3</u>



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Summary: The protein encoded by this gene is a member of the kinesin-like protein family. The family members are microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. The C-terminal half of this protein has been shown to bind DNA. Studies with the *Xenopus* homolog suggests its essential role in metaphase chromosome alignment and maintenance. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]

Locus ID: 3835

MW: 3.4