

Product datasheet for **SC206289**

KIF7 (NM_198525) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	KIF7
Synonyms:	ACLS; AGBK; HLS2; JBTS12; UNQ340
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PSI00062)
ACCN:	NM_198525
Insert Size:	472 bp
Insert Sequence:	<p>>SC206289 3'UTR clone of NM_198525 The sequence shown below is from the reference sequence of NM_198525. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC ATGATTGATGTCCGAAAAACCCCTGTAAAGCCCTCGGGGCAGACCCTGCCTTGGAGGGAGACTCCGAG CCTGCTGAAAGGGGCAGCTGCCTGTTTGCTTCTGTGAAGGGCAGTCCTACCGCACACCCCTAAATCCA GGCCCTCATCTGTACCTCACTGGGATCAACAAATTTGGCCATGGCCCAAAAGAACTGGACCCTCATT TAACAAAATAATATGCAAAATCCCACTTACTTCCATGAAGCTGGTACCCAATTGCCGCTTGTG TCTTGCTCGAATCTCAGGACAATTCTGGTTTCAGGCGTAAATGGATGTGCTTGTAGTTCAAGGGTTTGG CCAAGAATCATCACGAAAGGGTCGGTGGTAACCAGGTTGTGGTTTAAATGGTCTTATGTATATAGGGGA AACTGGGAGACTTTAGGATCTTAAAAAACCATTTAATAAAAAAATCTTTGAAGGGA ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG </pre>
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_198525.3</u>
Summary:	This gene encodes a cilia-associated protein belonging to the kinesin family. This protein plays a role in the sonic hedgehog (SHH) signaling pathway through the regulation of GLI transcription factors. It functions as a negative regulator of the SHH pathway by preventing inappropriate activation of GLI2 in the absence of ligand, and as a positive regulator by preventing the processing of GLI3 into its repressor form. Mutations in this gene have been associated with various ciliopathies. [provided by RefSeq, Oct 2011]
Locus ID:	374654
MW:	17.7