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Product datasheet for SC318707

KIF26B (NM_018012) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIF26B (NM_018012) Human Untagged Clone
Tag:	Tag Free
Symbol:	KIF26B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>SC318707 representing NM_018012.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAATTCGGTAGCTGGGAATAAAGAGAGGCTTGCGGTCTCCACCAGGGGCAAGAAATACGGGGTGAAT
GAAGTCTGCTCGCCCACCAAGCCCGCAGCGCCCTTCTCCCCGGAAAGCTGGTACCGGAAAGCATACGAG
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TCCTACACCATGATCGGAAAGGATGATTCCATGCAGAACCTGGGCATCATTCCCTGTGCCATCTCTTGG
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
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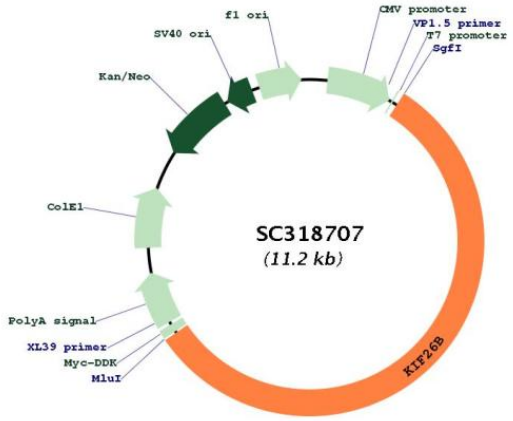
Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_018012

Insert Size: 6327 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_018012.3
RefSeq Size:	7287 bp
RefSeq ORF:	6327 bp
Locus ID:	55083
UniProt ID:	Q2KJY2
Cytogenetics:	1q44
Protein Families:	Druggable Genome
MW:	223.9 kDa
Gene Summary:	The protein encoded by this gene is an intracellular motor protein thought to transport organelles along microtubules. The encoded protein is required for kidney development. Elevated levels of this protein have been found in some breast and colorectal cancers. [provided by RefSeq, Mar 2017]