

Product datasheet for **SC309329**

KIF9 (NM_182902) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	KIF9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>SC309329 representing NM_182902.

Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGTACTAGGAAAAAGTTCATGCATTTGTCCGTGTCAAACCCACCGATGACTTTGCTCATGAAATG
ATCAGATACGGAGATGACAAAAGAAGCATTGATATTCACCTAAAAAAGACATTCGGAGAGGAGTTGTC
AATAACCAACAGACAGACTGGTCGTTTAAGTTGGATGGAGTTCTTCACGATGCCTCCAGGACTTGGTT
TATGAGACAGTTGCAAAGGATGTGGTTTCTCAGGCCCTCGATGGCTATAATGGCACCATCATGTGTTAT
GGGCAGACGGGAGCTGGCAAGACATACACCATGATGGGGGCAACTGAGAATTACAAGCACCGGGGGATC
CTCCCTCGTGCCCTGCAGCAGGTTTTTAGGATGATCGAAGAAGCCCCACACATGCCATCACTGTGCGT
GTTTCCCTACTTGAAATCTATAATGAGAGCCTGTTTGATCTCTGTCCACTCTGCCCTATGTTGGACCC
TCAGTCACACCAATGACCATCGTGGAAAACCTCAAGGAGTCTTCATTAAGGGCTTGTCAGTTACCTC
ACAAGTCAGGAGGAGGATGCATTGAGCCTCCTTTTGAGGGTGAGACCAACAGGATTATAGCCTCCAC
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TTATCAGAGGAAAAGTACATCACTTCCAAAATTAACCTGGTGGATCTGGCAGGCTCAGAGAGGCTGGG
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TCCACTTTGCGCAGGAAGTACACCCTCATTGACAGGAATGACTTTGCAGCCATTTCTGCTATCCAGAAG
GCGGGGCTTGTTGATGTTGATGGCCACCTAGTGGTGAGCCTGAAGGACAAAATTTGGACTCGGAGTC
GCCCTTTCTCTACAAACCTGGGAAGAAAGCCAAGTCCAAGAAGACATTCAAAGAGCCACTCAGCTCC
TTGGCAAGAAAGGAAGGTGCCAGCAGCCCTGTGAATGGGAAGGACTTGATTACGTTTCCACCTCCAAG
ACCCAGCTGGTCCCATCTCCAAGATGGGGATGTCAAAGACATGCTTTTCGCGGGACCGGGAACCTTCC
AGCATTGAGCCCTTCCCTCAGACTCCCGAAGGAGGAATTACGCCAATTAGGCCCGACACCCACCC
TCCAAACAGTGGCCTTTGAGGAGTTTAAAGATGAGCAAGGTAGTGAGATCAACCGAATTTTCAAAGAA
AACAAATCCATCTTGAATGAACGGAGGAAAAGGGCCAGCGAGACCACACAGCACATCAATGCCATCAAG
CGGGAGATTGATGTGACCAAGGAGGCCCTGAATTTCCAGAAGTCACTACGGGAGAAGCAAGGCAAGTAC
GAAAACAAGGGGCTGATGATCATCGATGAGGAAGAATTCCTGCTGATCCTCAAGCTCAAAGACCTCAAG
AAGCAGTACCGCAGCGAGTACCAGGACCTGCGTGACCTCAGGGCTGAGATCCAGTATTGCCAGCACCTA
GTGGATCAGTGTCGCCACCGCCTGCTCATGGAATTTGACATCTGGTACAATGAGTCCTTTGTCATCCT
GAGGACATGCAGATGGCACTGAAGCCAGGCGGCAGCATCCGGCCAGGCATGGTCCCTGTGAACAGGATT
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GATTCCATCTCCTTCTACAATGCCAAAGTCAAGATAGAGCAGAAGCATAATTACTTGAACCATGATG
GGCCTCCAGCAGGCACATAGAAAAAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:

SgfI-MluI

ACCN:

NM_182902

Insert Size:

2373 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_182902.3</u>
RefSeq Size:	3357 bp
RefSeq ORF:	2373 bp
Locus ID:	64147
UniProt ID:	<u>Q9HAQ2</u>
Cytogenetics:	3p21.31
Protein Families:	Druggable Genome
MW:	90 kDa