

Product datasheet for **SC309026**

Ki67 (MKI67) (NM_002417) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ki67 (MKI67) (NM_002417) Human Untagged Clone
Tag: Tag Free
Symbol: MKI67
Synonyms: KIA; MIB-; MIB-1; PPP1R105
Mammalian Cell Selection: None
Vector: pCMV6-XL4
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_002417 edited
 GAAAATGTGGCCACGAGACGCCTGGTTACTATCAAAAAGGAGCGGGTTCGACGGTCCCCA
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Restriction Sites:	Please inquire
ACCN:	NM_002417
Insert Size:	11000 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:	The ORF of this clone has been fully sequenced and found to contain one SNP compared with NM_002417.2.
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:	<ol style="list-style-type: none"> 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:	<u>NM_002417.2</u> , <u>NP_002408.2</u>
RefSeq Size:	12515 bp
RefSeq ORF:	9771 bp
Locus ID:	4288
UniProt ID:	<u>P46013</u>
Cytogenetics:	10q26.2
Domains:	FHA
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS
Gene Summary:	<p>This gene encodes a nuclear protein that is associated with and may be necessary for cellular proliferation. Alternatively spliced transcript variants have been described. A related pseudogene exists on chromosome X. [provided by RefSeq, Mar 2009]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>