

Product datasheet for **RG208316**

C21orf45 (MIS18A) (NM_018944) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C21orf45 (MIS18A) (NM_018944) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C21orf45
Synonyms:	B28; C21orf45; C21orf46; FASP1; hMis18alpha; MIS18alpha
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG208316 representing NM_018944 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGGCGTTCGGTCACTGAGGTGTAGCAGAGGATGCGCTGGCGGCTGTGAGTGCGGCACAAGGGCA
AATGCAGCGACTCCTCGCTGTTGGGCAAGAGACTCTCCGAAGACTCGAGCCGCCACCAGCTGTTGCAGAA
GTGGGCGAGCATGTGGAGCTCCATGAGCGAAGACGCGTCGGTGGCCGACATGGAGAGGGCGCAGCTGGAG
GAGGAGGCGCGGCTGCGGAGGAGAGGCCGCTGGTGTTCCTGTGCTCCGGCTGCCGGCGGCCGCTGGGCC
ACTCGCTGAGCTGGGTGGCCAGCCAGGAGGACCAACTGCATCCTGCTTCGCTGTGTTTCTGTAATGT
TTCTGTGGATAAGGAACAGAAGCTATCCAAACGTGAAAAGGAAAATGGTTGCGTCCTTGAGACTTTGTGC
TGCGCGGGGTGCTCACTCAATCTTGCTACGTGTACAGATGCACGCCAAGAATCTTGATTACAAGAGAG
ACTTGTGTTTGCCTCAGTGTGAAGCCATTGAAAGTTATGTTTTAGGGTCCTCTGAAAAGCAAATTTGTGC
AGAAGATAAGAGCTTTTAAATCTTGAAGCAGAGTTGAAATAGAAAAGTCTCTAACACAGATGGAAGAT
GTCTTGAAGCATTACAAATGAAGCTGTGGGAGGCCGAATCCAAATGTCTTTGCCACTGTAAAAAGC

AGCGGACCGACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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: [NM_018944.3](#)

RefSeq Size: 1587 bp

RefSeq ORF: 702 bp

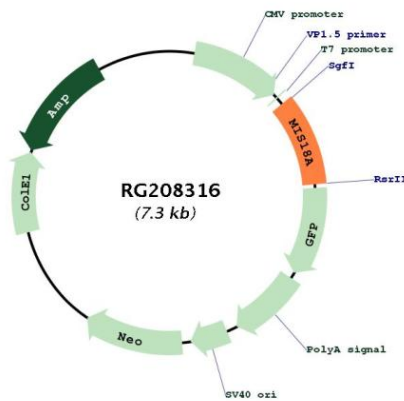
Locus ID: 54069

UniProt ID: [Q9NYP9](#)

Cytogenetics: 21q22.11

Gene Summary: Required for recruitment of CENPA to centromeres and normal chromosome segregation during mitosis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG208316