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Product datasheet for SC123051

FKSG24 (MPV17L2) (NM_032683) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FKSG24 (MPV17L2) (NM_032683) Human Untagged Clone
Tag:	Tag Free
Symbol:	FKSG24
Synonyms:	FKSG24
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene sequence for NM_032683 edited
CGAAAGCAGAGCGGCGCGCCGGTTCCTTGGTTCCTGAGGGCGATGGCGCGGGGTGGCTGG
CGCCGGCTACGCCGCCTGTTATCCGCGGGGCAGCTTCTATTCCAGGGCCGCGCGCTGCTC
GTCACTAACACGCTGGGCTGCGGCGCGCTCATGGCGGCCGGTGATGGCGTGCGCCAGTCC
TGGGAGATCCGCGCCCGGCCCGGCCAGGTTTTCGACCCACGGCGCTCCGCGAGCATGTTT
GCGGTGGGCTGCAGCATGGGTCCCTTCCTGCACTACTGGTACTTGTCGCTGGACCGCCTA
TTCCCTGCGTCTGGCCTCCGAGGCTTCCCAAATGTCCTCAAGAAGGTCCTCGTGGATCAG
CTGGTAGCCTCTCCATTGCTGGGCGTCTGGGAATTCTACAAGGCAGACTGGTGCGTGTGG
CCTGCTGCGCAGTTCGTGAACTTCCTCTTCGTGCCCCCCCAATTTCGAGTCACCTACATC
AACGGCCTGACGCTGGGCTGGGACACGTACCTGTCCTACTTGAAGTACCGGAGCCCAGTT
CCTCTGACACCCCCAGGCTGTGTGGCCCTGGACACCCGAGCAGACTGAACTGTCTGCTTC
CTGGACCAGATGCAAGACTGTCTCCTGGCGGACCACCCCCTCTGACAGAAGGGGAATGGG
CTCCTGCAGCAAGCTCGGGTCTTGAGCCACGTCCCAGCACCACTTCAGCTCCGGAGCATT
GGGCTGAGCCGCCCTTTCCAAGCTCACTTCTGGGACTGAGTTTCCTCAACCGGAACACAC
CCATGAAGATGGATGATCATCCCCTAGCCCTTCTCAGCAGGAACCTCATGCGACCTGTGA
CCAAGATGTCCCATCCTCAGCACAGGGCCCACTCTGCCAACCAGTCTCAAGCACCAGCCC
CTCAACACTGCCATCCACCTGGCTCTGGGCCAAGCCACCAATCCAGAGCTCCCTCAGGTC
CTGGGACTAAGGCGGGGACATGACTGATCCCCTCAGAGCAGGCTCAGGCCTGGAGTCGGC
CCCCAAAAGTTTCACATAGGGCCAGGCAGCCTCTGTGTTTCTTTCCCTGGTCCTGAACTG
TGGAAATGCCATTAAACTCTCTCTATAATGTAACTGAAACTGCTGGCTGGGCGCAGTGGC
TCCCACCTGTAATCTCAGCCCTTCCCGAGGCTGAGGTGGAAGGATTGCTCGAGGCCAGGT
GTTCGAGACCAGCCTGGGCAACATAGCAAGACCCTGTCTCTATTTATATTGAAAAATAAA
AATAACAAAAGAAAAAAAAAAAAAAAAAAAAA

View online »

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_032683 unedited
NGGGGGTTCAAATATTTGTAATACGACTCACTATAGGGCCGGCCGACGAATTCGCACGAG
GCGAAAGCAGAGCGGCGCGCCGGTTCCTTGGTTCCTGAGGGCGATGGCGCGGGGTGGCTG
GCGCCGGCTACGCCGCCTGTTATCCGCGGGGCAGCTTCTATTCCAGGGCCGCGCGCTGCT
CGTCACTAACACGCTGGGCTGCGGCGCGCTCATGGCGGCCGGTGATGGCGTGCGCCAGTC
CTGGGAGATCCGCGCCCGGCCCGGCCAGGTTTTCGACCCACGGCGCTCCGCGAGCATGTT
TGCGGTGGGCTGCAGCATGGGTCCCTTCCTGCACTACTGGTACTTGTCGCTGGACCGCCT
ATTCCCTGCGTATGGCCTCCGAGGCTTCCCAAATGTCCTCAAGAAGGTCCTCGTGGATCA
GCTGGTAGCCTCTCCATTGCTGGGCGTCTGGGAATTCTACAAGGCAGACTGGTGCGTGTG
GCCTGCTGCGCAGTTCGTGAACTTCCTCTTCGTGCCCCCCCAATTTCGAGTCACCTACAT
CAACGGCCTGACGCTGGGCTGGGACACGTACCTGTCCTACTTGAAGTACCGGAGCCCAGT
TCCTCTGACACCCCCAGGCTGTGTGGCCCTGGACACCCGAGCAGACTGAACTGTCTGCTT
CCTGGACCAGATGCAAGACTGTCTCCTGGCGGACCACCCCCTCTGACAGAAGGGGAATGG
GCTCCTGCAGCAAGCTCGGGTCTTGAGCCACGTCCCAGCACCACTTCAGCTCCGGAGCAT
TGGGCTGAACCCGCCCTTATCCAAGCTAACTTTCTGGGACTGAATTTCTCCCCACACCGG
AACACACCCTTGAAAGAGGGATGATCATCCCCCTAGCCCTTCTCACCAGGAACCTCATGC
CACCTGTGAACN
```

Restriction Sites: Please inquire

ACCN: NM_032683

Insert Size: 1293 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).

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_032683.1, NP_116072.1

RefSeq Size: 1293 bp

RefSeq ORF: 546 bp

Locus ID: 84769

UniProt ID: Q567V2

Cytogenetics: 19p13.11

Gene Summary: Required for the assembly and stability of the mitochondrial ribosome (PubMed:24948607). Is a positive regulator of mitochondrial protein synthesis (PubMed:24948607).[UniProtKB/Swiss-Prot Function]