

Product datasheet for **SC200204**

MKKS (NM_170784) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MKKS (NM_170784) Human 3' UTR Clone
Symbol:	MKKS
Synonyms:	BBS6; HMCS; KMS; MKS
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_170784
Insert Size:	2000 bp



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Insert Sequence: >SC200204 3'UTR clone of NM_170784
The sequence shown below is from the reference sequence of NM_170784. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CTTTCATATGTTATTGAAGATAAAACTAAGAGAATAGCATGTTCTGATTACAAGAGAAACAAATAAAC
TAGTCTGTTGGCAATTGAGAAAAATTGTGAGTGTATTTGTTTTCTCCAAAGCCCTGTTCTACATATTT
GGACAAATGACTCATAAAATTATAGATACACTTATTTAGGAAAAAGGTGATTCTGTAATGGAAATGCC
ATGAAACAATAAAATATGAAGCATTATTTATTTAAAAATATTATAGTTATCTTAGGGATTCTATACTG
GCTGCTGTACATTGTTCTAAATTTTGTATGTTGGCATCATTTTGAGAGCAAACAAATAAAAAAGACT
CCTAATCCATGCTCTAGTTTGGATATACATATTTAGATATTTCCAGTTAGCAGTAATTACATATGCT
TAAAGTATAAACTAGATCTCAAAGTGCACAAAACATTCAGTATATATTGCTCAATCAAAGAAGTAT
TCAAAGTGCACATTTAGTAAATTTCACTTTTCCATGCCCTTATCTCAAGCTATATTCTTCAGTGG
TTAGGTAATTGAGTAGAACCTGGTTTGCCTGCAATTTGTAGTTTATATCAAACTCCACATTTTTGTTA
TTTTGGGAAATGTTTGCTTTTGGGGGAAAAAGTAGATTATATAGTAACCAAGGCTAAAGCAACATT
GTAATGTCTTCATTTTTAAAGTGGGAAGAAGGACTGGTTTGTGTTTACACTGGGGTTTCTCAACTTTGGC
ATTATTGACATTCTGAGCCCCATAATTCTTTGTGTACGGAGGCTGCCCTGTGCATTACAGCTTACTGA
GCAGCATCCCTGGCCTCTGCACACTAGATGCCAGTAGCACCCCTCTGTTGTGACAACCAAAATGTTTC
CAGACATTGCCAAATGTCCCCGAAGAGCAAACTGTTGTTGGTTGAGAACCATAGACTGATAGAAAA
GGAAGGACAATAAGGAGTATTCTAGCAGGACTTCAGAAAGCAGCATAAAGGGAAGGGGAAGTTATTTCT
CTAGTCAATAGTATGAAAAAGAAAGTAGAAAATCTCCATGTTCAAAGTAGAGACATTATGTTTCACCA
AGGGATGTAGTTTGAATTTTATGCAAAATATAAGATGTATTGATAAATTGAAGAAGAAATATAGAAGGCA
GCCACATGAATAAGCATGGAGCTATAACAAATGTTGTATTAACCTTTAGGAAAAATTTTTGGAAATTTT
TGGGAAACAAACCAACCTAATAGTCAATGATCAGATCTATAGCCATGATAAAGAGAAATAGAATTGTTA
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TACAAGCAGCAATGCCATCCATATATGTTAGGTATCAGCCCCACCTGAAGTCTCATAAAATATTTATCA
AAAGTTTTACTCCTTTTATTATTACAATCAAATAGAAGGGCAGTGTGGTAGGCAGCCTCTAAGGTGGCC
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ATGTCTCCCATTTCCAGCTTTGTGGACAGAATGTTATGGTGATGTTATGGTTATGCCTTATCCATAA
TTTTATGCTGTGAGTAGAAGGCAGATAACTTTTCTCTAGTTTCATGGGTCTACAGATGGAAGCAACTG
TGTTCCAGGAAGTGTACTTAAAGAACTACCTCCTGAGGAAGCCTGGGGTATTCCAGTTATGATATCAC
CCTGACTTGATTCCAATTATGAGATTCTGAACCTTTGAGCTGATGTTGTAATGCAAAAGTGAACTTTTG
AGGATCTGAGGAGTAGGGGGGACGTATTTTGCATGTGGTAGGCAGCCTCTAAGATGGTTCCCAATAATC
TCACTTCTGGTGGTCACTCTCTGGGTGTAGGTGGGACCTAATGACTAGCTTCTAATGAATAGAATA
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_170784.3](#)

Summary:

This gene encodes a protein which shares sequence similarity with other members of the type II chaperonin family. The encoded protein is a centrosome-shuttling protein and plays an important role in cytokinesis. This protein also interacts with other type II chaperonin members to form a complex known as the BBSome, which involves ciliary membrane biogenesis. This protein is encoded by a downstream open reading frame (dORF). Several upstream open reading frames (uORFs) have been identified, which repress the translation of the dORF, and two of which can encode small mitochondrial membrane proteins. Mutations in this gene have been observed in patients with Bardet-Biedl syndrome type 6, also known as McKusick-Kaufman syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2013]

Locus ID:

8195

MW:

76