

Product datasheet for MC209732

Mok (NM_011973) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Mok (NM_011973) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Mok
 Synonyms: Rage; RAGE1; Stk30
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC209732 representing NM_011973
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGC**C

ATGAAGAACTACAAAGCAATTGGCAAGATAGGAGAGGGGACGTTTTCTGAAGTTATGAAGATGCAGAGTC
 TGAGAGATGGGAATTACTATGCGTGCAAACAAATGAAGCAGCACTTTGAAAGTATTGAGCAAGTGAACAG
 TCTGCGAGAGATCCAAGCACTGAGGCGCCTGAACCCACACCCCAACATCCTTGCACTGCAGGAAGTAGTT
 TTTGACAGAAAATCTGGTTCTCTTGCACTAATATGTGAACCTATGGACATGAATATTTATGAGCTAATAC
 GAGGGAGAAGACACCCATTATCAGAGAAAAAGATTATGCTCTACATGTATCAGCTGTGCAAAATCGCTGGA
 CCACATGCACAGAAACGGGATCTTTACAGAGACGTGAAGCCGGAGAATATCCTAGTAAAGCAGGATGTC
 CTGAAACTAGGGGACTTCGGGTGATGCCGGAGTGTCTATTCCAAGCAGCCCTACACAGAGTACATCTCTA
 CCCGGTGGTACCGGGCCCGAGAGTGTCTCCTCACCGACGGGTTCTACACATAAAGATGGACCTGTGGAG
 CGCTGGCTGCGTGTCTACGAGATTGCCAGCCTGCAGCCCTCTTTCCTGGTGTGAATGAACTGGACCAG
 ATCTCAAAAATCCATGATGTCATCGGCACACCTTGTCAGAAGACCCTACTAAGTTCAAACAGTCGAGAG
 CTATGAGTTTTGATTTTCTTTTAAAAAGGGATCAGGAATACCTCTACTGACAGCCAATTTGTCCCAGCA
 ATGCCTCTCCCTCTGCACGCAATGGTGGCTTATGACCCTGACGAACGAATTGCGGCTCACCAAGCCCTT
 CAGCACCCCTATTTCCAGGTGCAGAGGGCAGCTGAGACACAGACCCTGGCCAAACACAGAAGAGCTTTCT
 GTCCCAAGTTCTCCATGGTGCCAGAATCATCCAGTCACAACTGGTCATTCTCACAGGAAGGCAGAAAAGCA
 GAAACAGTCCCTGCGGCACGAGGAGGGCCATGCCAGACGACAGGGGCCGACCAGCTTGATGGAGCTTCCC
 AAAGTGGGCTGTGCGGAATGACCAAATGTCATCATGTTCCAGCCCTGCACTGCGGTGAGTGTGGGCA
 CTGGAGCAAAATGGAAAAGTCCCTGTGCTGAGACCCCTGAAAGTGTGCTGCTGTGAACAAGAAGACAGAC
 GCAGAAGGACATCAAACCTCACCTGAAACACTATCACCTGCCACGATCAACAGGAAAGGGGGCGAATAC
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_011973
Insert Size:	1263 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:	<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_011973.2</u> , <u>NP_036103.1</u>
RefSeq Size:	1693 bp
RefSeq ORF:	1263 bp
Locus ID:	26448
UniProt ID:	<u>Q9WVS4</u>
Cytogenetics:	12 F1
Gene Summary:	Able to phosphorylate several exogenous substrates and to undergo autophosphorylation (PubMed:10421840). Negatively regulates cilium length in a cAMP and mTORC1 signaling-dependent manner (PubMed:25243405).[UniProtKB/Swiss-Prot Function]