

Product datasheet for MC224459

Caskin1 (NM_027937) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Caskin1 (NM_027937) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Caskin1
Synonyms:	3300002N10Rik; C130061I24; C630036E02Rik; mKIAA1306
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC224459 representing NM_027937 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGAAGGAGCAGGAGCTGGTGCAGGCAGTGAAGGCGGAGGACGTGGGGACCGCGCAGAGGCTGCTGC
AGAGGCCGCGGCCGGGAAGCCAAGCTCCTGGGCTCTACCAAGAAGATCAATGTCAACTCCAGGACCC
GGATGGCTTCTCAGCCCTGCACCATGCCGCCCTGAATGGCAACACAGAATTGATCTCTGCTGCTGGAG
GCTCAGGCTGCTGTAGACATCAAGGACAACAAAGGTATGCGGCCGTTGCACTACGCCGCTGGCAGGGCC
GGAAGGAGCCCATGAAGCTGGTGTGAAGGCAGGCTCAGCAGTAAATGTCCCATCCGACGAAGGCCACAT
ACCCCTGCATTTGGCTGCCAGCATGGTCACTACGATGTGTGAGAGATGCTACTGCAAGTCAAGTCCAAAC
CCCTGTATGGTAGACAACCTCTGGAAGACACCTCTGGACCTGGCCTGTGAGTTCGGCCGCTAGGGGTGG
TCCAGTCTGCTAAGTAGCAACATGTGTGCAGCCTTGTGGAGCCCCGACCGAGGGGACACCACCGACCC
CAACGGCACCCAGCCCTGCACCTGGCAGCCAAGAATGGCCACATCGACATCATCAGGCTCCTTCTTCAG
GCCGGCATCGACATTAACCGCCAGACCAAGTCTGGCACAGCTCTTCATGAGGCCGCACTCTGTGGAAAA
CAGAAGTGGTTCGGCTACTGTTGGATAGTGGGATCAATGCCAGGTGAGGAACACCTACAGCCAGACAGC
ACTGGACATTGTACCAATTTACAACGTCCCAGGCCAGCAAGGAGATCAAGCAACTGCTTCGAGAGGCC
TCAGCGGCTCTGCAGGTCGGGCAACAAGGATTACTGTAACAACATGATCTGACCACTCAATGTGA
AGGCTGGGGACATTATCACGGTACTTGAACAGCATCCAGATGGCCGGTGGAAAGGCTGTATTCATGACAA
CCGGACAGGCAATGACAGGGTGGGCTACTTCCCATCTTCCCTGGGGGAGGCTATTGTCAAGCGAGCAGGT
TCCCGGACAGGCAGTGAGCCAAGCCACCCAGGGAGGTGGCTCACTGGGTCCCTCTGCACCCCGGAGG
AGATCTGGGTGCTGAGGAAGCCTTTTGCAGGTGGAGATCGCAGTGGCAGCTTGGCAATGTGGCCGGGG
CAGGAGTACTGGGGCCATGCCTTGCATGCAGGCTCTGAAGGAGTTAAGCTCTGGCAACCGTGTCTTCC
CAGAAGTCAGTCTCTGAGTCCAGCCAGGAGATAGCCCGTCAAGCCTCCAGAGGGCTCTCAGGTGCGG
CCCGGTCCAGCCTCCAGCAGCCATGCTGGGCAGGTATATGGGAGCAGCCACCGAAGAAGCTGGAATC
GGCCTCAGCCTCGCCTCTGAGGCAAGAGTGTGAGGCGGTGAGTCAAGTGGCTTCCACATTCCAGCTA



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CAGCTCTATGCCCCAACTTCACCAGTGCCTGGCTATGACCTGCCACCATCAGTCGTATGACCCCTGAGG
 ACCTCACAGCCATTGGCGTTACCAAGCCAGGCCACCGTAAGAAGATTACGGCAGAGATCAGCGCCCTGAA
 CATCCCTGACTGGCTGCCTGAACACAAACCCGCTAACCTGGCTGTGTGGCTGTCAATGATTGGTCTGGCC
 CAGTATTACAAGGTGCTGGTGGACAACGGCTATGAGAACATTGATTTTCATCACCAGATACACCTGGGAGG
 ACCTGCAGGAGATCGGTATCACCAAGCTGGGACACCAAAAGAAGCTGATGCTGGCAGTGAGGAACTGGC
 AGAGTGCAAAAGGCAGAATACTCCAAGTATGAGGGGGACCCCTGCGCCGAAAGACACCCCAATCACTT
 GAAATGATGGCTATTGAGTCACCGCCCATCTGAGCCTGCTGCAGCAGAGTGCCAGTCTCCCAAGATGA
 CCACCTTCCAGGACAGTGAACCTCAGTGGAGAGCTGCAAGCTGCCCTGTCTGGCCAGCTGAAGCAGGTGC
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 AGTGGACGGGCTCGGCACATAAGCAGCTCTCAGGAGCTGTTGGCGATGGGCTCCAGGGCTGGCAGTC
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 CTTCCGTCTGGTCCAGCCACTTACACCCACAGACGCCACCAAGCTCAGCCAGGCTCCCCTCAGG
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 ACAGTCCAGAGGCGTGTGGTCCGAGCCATTAGTGGGGCTCCTGCTGGCACGGACAAGAATGTTAACC
 GCAGTCAGTCCTTTGCTGTGCGGCCACGTAAGAAGGGGCCCCACCACTCCACCCAAACGCTCCAGCTC
 GGCCATGGCCAGTGCCAACTAGCCGACGAGCCGGCTCCAGACGTTGAGGCAGAGGACGGCCGGCTAGGG
 GTCCGGGCGCAACGCCGTCGGCTAGTGTCTCGCCGGCAGTGTGGACACAGGTAGTGTGCAGTGTGA
 AGAGCATCGACCCATGTTGGAGCTGTCTCCATTGGGGTGGAGGGCGGCTATTCGACGGCCCCCGA
 AGGCCACCCACACCCCGTCCCGCAGTCCAGAACCAGGGCCGAGTAGCTACCGTGTGGCTCTGTGAAG
 CACAAAGAGGCCATTGGGCTGACGCTGAAGTGGTGAACCGCGCCGTACACTCAGTGGCCAGTCACTG
 GGCTTTTGGCCACTGCTCGCCGGGGTCTGGGAACTGCAGAGCAGAGTCATTTTATGGAGGATGGCAC
 AGCCCCACAACGGCTTCGAGGTCCAGCTAAGGGTGAAGCAAGTGCAGGAGGTCTCCCTTGGCCGGTA
 GAGGCCAGTGCCACGCTCAAGAGGCGCATCCGGGCAAGCAGAGCCAACAAGAGAAGCTCAAATTCATCC
 TGACAGAGTCTGACACAGTGAAGCGCAGGCTAAGGCTAAGGAGCCTGACACTGGCCCTGAGCCACCCCC
 ACCACTGTCTGTATCAGAATGGCACAGCCACCGTTCGCCGAAGGCCAACCTCAGAGCAGGCTGGGCT
 CCAGAGCTGCCCCCTCTCCCCCTCTGCTGAGCCCCACCCGCTGACCTGATGCAGCTGCCTCCACTGC
 CCCTGCCTGATGGCAATGCACGGAAGCCTGTGAAGCCACCCGCTCTCCCAAGCCATTCTGTCTCAGCC
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 GAGGTAAGCGTGTCTATGGCACGCCACCGCCGCTGCACCCAAGCCGCTCCGCCACCTACAGCACCCA
 AGCCAGCCAAGGCTTTGGCGGACTACAGTCCAGCAGCGCCACCCCTCGCCTGTGCCCTCTCCAGCGCG
 TCAGCCGCGCAGCAGCGCTCATCAAGCCAGCTAGTTCGCCGCCCTCGCAGAGCGCCAGCCCTGTCAAGCCC
 CCTTCCCAGGGACACCCGCGTGCACGTACCCGCAAGCCCTCGCGCTGTGCTTCAAGTGGTCTCCG
 GACCCCAAGTGTTCAGATTGTGCTTACCCGGGGACAGCGCTCGGCAGAAGCTGGAAGAGACTAGCGC
 GTGTTTGGCTGCAGCACTGCAGGCAGTGGAGGAGAAGATAAGGCAGGAAGATGGACAAGGCCCTCGCCCC
 TCCTCCATCGAGGAGAAGAGCACTGGCAGCATCTGGAAGACATCGGCAGCATGTTTCGACGACCTGGCCG
 ACCAGCTGGACGCCATGCTGGAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_027937
Insert Size: 4296 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_027937.2</u> , <u>NP_082213.2</u>
RefSeq Size:	6190 bp
RefSeq ORF:	4296 bp
Locus ID:	268932
UniProt ID:	<u>Q6P9K8</u>
Cytogenetics:	17 A3.3
Gene Summary:	May link the scaffolding protein CASK to downstream intracellular effectors.[UniProtKB/Swiss-Prot Function]