

Product datasheet for MC201871

Shq1 (NM_181590) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Shq1 (NM_181590) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Shq1
Synonyms:	2810403P18Rik; Grim-1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC052657 sequence for NM_181590

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AAGAGGTAATCCGTGGGTCTGTCGCGCGGGGGAAGTATCGTGTGCCTAGCGGGGCTGTGTTGGCTTCAG
GCGCGCGCAGCGATGCTTACTCCTGCGTTCGAGCTGACCCAGGACTGCGACTTCCTCACCCTCGCCATCC
GCGTGCCCCACGCGCGCCTCTGAGTTCGACGTGACTTCGAGGGGGTGGACTTCAAGTTCTACGCCAA
GCCGTACTTTCTGAGATTAAGTCTGCTGGAAGGATTGTGGAAGGATCTGAGCAGGGGACCTATGAT
GCAGATAAAGGAATTTTACCATTGATTGCCAAGGAACTCCTGGCCAACTTTTGGAGAGCTGAACA
TGTTAACTGCTCTTCTGGCCCCGAGAAATCCAGGTCTGCCAAGCCACTTGTGGAAGAAATAGGTGCTTC
CGGGGTTGCTGAGGAAGGAGCTGACGACGAGGATGAAGAGTTTGACTGGGAAATCGAGCAGACTCCCTAT
GAAGAGGTCTCAGAAAGTACTCTGCAATCACAGTGTCACTATGGATTTGGAAACCTGCGGGCCGGTGTGG
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ACGGAGGCAGAAAGCGCCTGGCTGCTGAGTTGGCCAAATTTGATCCCGATCATTATCTAGCTGACTTCTTT
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CCTCTTTGGGAAAGAACAAGAGCAAGGGGACTCTGCTGCATTAGGTAAGAGTGCAGTTTAAAGTGTCT
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TACTGTGTATGGATTGAGAAGGCCAAGTCCAAGAAGTTGGCTGCCCTAACCGAAGCCTTGAAAGCAGTCT
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GGAAGGTGCTGGAAGAGCAGCCAGTGAATCCCTCGCATCAGGCTCCACACTCCAGTCCCGAGCCAGT
GACTCGGACAGCACCTCATCCTCTGGCACAGAGGACTCAGCGTCAGAGCAAGAGGAGCCTGCTGGGACCC
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TGGGCTCTGCAGAAACATGGCCAGCCAGGATGTGAAGTCAAGTCAAGGACAGCCACTGGCCTCCGCCCGG
ACTCCTCTCATAGAGGAGCTGGGAGATGCGCTGAAGATGCTTCGGGTTTCCACACCTCACGGTGTCAAGT
CTGGGAGCCACGGGAGTGTAGAGGATGCAGAGGAGAGGGGTGAGGTGCCCTGCGATTGACTCAAGTGGTG
CGCTCATTACTGGGCACTAGGTGAGCTGTGCTCTCATACAGACGTGGGATTTCTGATTTTGATTGTGTTT
TTTTCTGTGTGAACATAGGACATTGTTTTTCAAGTATATAACATTTTATACCTTTCAAATTTTTATTTTG
CACCTTGAATAAAGTCTGAAGTATTCTTAAAAAAAAAAAAAAAAAAAA
  
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Restriction Sites: RsrII-NotI


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ACCN:	NM_181590
Insert Size:	1377 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC052657</u> , <u>AAH52657</u>
RefSeq Size:	1660 bp
RefSeq ORF:	1377 bp
Locus ID:	72171
UniProt ID:	<u>Q7TMX5</u>
Cytogenetics:	6 D3
Gene Summary:	Required for the quantitative accumulation of H/ACA ribonucleoproteins (RNPs), including telomerase, probably through the stabilization of DKC1, from the time of its synthesis until its association with NOP10, NHP2, and NAF1 at the nascent H/ACA RNA.[UniProtKB/Swiss-Prot Function]