

Product datasheet for MC202585

Smarca1 (NM_053123) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Smarca1 (NM_053123) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Smarca1
Synonyms:	5730494M04Rik; Snf2l
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC057115 sequence for NM_053123
GGTTATTTAAAGAAGGTGGGGGGGAGCGAAGGGGTTGGAAGCTAGTATTCTCCACCCTGCTCTAGCAA
GCTCTTTCCAGCGCAGCCACCGCTGTCGCACAGGAACCTCCCTTCTCCCCTTCTCGTCCCACCTCGTCT
TTCCCGCTCCAACGCCATGGAGCCGACACGGCCACAGAGGCAGCCACCGTGGCAGTTTCGGATGCCAGA
GCCACAGTCGTGGTTGTAGAGGATGAGCAGCCCGGCCGTCACCTTTAAAGAGGAGGGAGCGGCTGCTG
CCGCCACCGAAGGCACCACGGCCACTGAGAAGGGCGAGAAGAAGGAGAAAATCACTTCTCCATTTCAACT
CAAACCTTGCTGCTAAAGCTTCCAAATCTGAAAAGGAAATGGATCCAGAATATGAAGAGAAAATGGTAAAT
ATGCCCTTGAAGCAGACCCGCAAGAGATTTGAGTTTTACTGAAGCAGACGGAACTTTTGCACATT
TCATTCAGCCTTCAGCACAGAAGTCTCCAACATCTCTCTCAACATGAACTGGCTCGCTCGAGTAA
GAAAGATGACAAGCAGAGCTTGATTTCCGTTGGAGACTATCGCCACAGGCGTACAGAACAAGAAGAGGAT
GAGGAGCTTCTCTCAGAGAGTAGGAAAACATCGAATGTGTGTGTCAGATTCGAGGCTCCCCTTCTATG
TGAAAGGAGGACCGCTGAGAGATTATCAGATCCGAGGACTAAACTGGTTGATTTCTTTGTATGAAAATGG
AGTCAATGGTATTTTAGCTGATGAAATGGGTCTTGGGAAGACTTTACAAACCATTGCCTTGCTTGGTTAC
CTGAAGCACTACAGAAACATTCTCGACCCACATGGTTTTAGTCCCAAGTCTACTTTACATAACTGGA
TGAATGAATTTAAACGATGGGTTCCATCTCTCCGTGTTATTTGTTTCGTTGGAGACAAAGATGTGAGAGC
AGCTTTTATTCGTGATGAAATGATGCCAGGAGAGTGGGATGTTTGCCTGACTTCTATGAGATGGTAATT
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ACCTTTGCAGAATAACTTGCATGAGCTCTGGCATTACTTAATTTTTATTGCCGGATGCTTTAATTCT
GCAGATGACTTTGATTCTTGGTTTGACACTAAAAATTGCCTTGGTGATCAAAAGCTTGTGGAAGACTCC
ATGCAGTTTTAAACCATTTTTGTACGCCGATAAAAACCGATGTAGAGAAGAGTCTGCCTCCTAAGAA
GGAAAATAAGATTTACTTGGCCTGAGTAAAAATGCAACGAGAATGGTATACAAAAATTTCTGATGAAAGAT
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GTTCTCATCTTTAGCCAGATGACTCGACTGTTAGACATTTTGGAGGATTATTGTATGTGGCGTGGTTATG
AGTATTCTCGACTGGATGGACAAACCCACATGAAGAAAGAGAGGAAGCGATAGATGCCTTCAATGCTCC



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AAATAGCAGCAAATTCATCTTTATGCTGAGTACTAGGGCTGGAGGACTCGGAATTAACCTGGCAAGTGCT
 GATGTGGTCATCCTATATGATTCAGACTGGAATCCACAGGTTGATTTACAAGCTATGGATCGGGCACATC
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 AAGAATATGTGGTTAGGAATCCCTTGTACAAAACCTCAGTATTTAAGAAATTCCTCGCAATTTAAGCA
 GAGGCATAATACAAGTGAGATCCTATGAATTGAGACTAGGTGCGCGTGGGACAGCGGAAGTTAGAGTA
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 CCATATTTTCATCAATCTATGATGCTTTCTGTTGTAAGACAAAACCTTTTTGTGCTACTAAGAGATATGA
 TGCCAAGTATCATCTGTTATCAGTTGTAATAACATCCTGATTTTCAGAGGTGCTAATGGGAAAAGAAAT
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 TAAACATTTCTCAGAACTTTAAATATTAAGTAGTTCTTTAAGATAAAAAGTACATTTATAAGCCATGTG
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 GTTATTTTACATTTGGGTTATATAGTTTGTGGGCTATATAGAGCATTAACTGTGAGTCTAACATTGAAGT
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 GCATATTTGGAGCAGAACATTAATCTGTTTCCATTTTAGTCACAGAAAAGAAAAGCAGAGTCAGCTACTG
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 AATGTGTAGCTTTCTATTTTATGCATTCTAGTATTTTCTGTACTGTATTTTGTGCATTTTCATGCTTCAT
 CAAATTCCTCAGTCCCTGTTTTTTGAACTTGTGCTGAGGTTTTAGCTTTTCTATGTTTTCTATGCC
 GCTGCTTTGAAAGAGAACCTAGATTCTATAGCTGTATTATTGTTGTTTCAGACTTTACATTTATATGGCT
 GTGGACAAAATGAATTAACCGATTTGAGGAGAAAAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAAA

Restriction Sites: Ascl-NotI
ACCN: NM_053123
Insert Size: 3141 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:	BC057115 , AAH57115
RefSeq Size:	4837 bp
RefSeq ORF:	3141 bp
Locus ID:	93761
UniProt ID:	Q6PGB8
Cytogenetics:	X A4
Gene Summary:	Energy-transducing component of the NURF (nucleosome-remodeling factor) and CERF (CECR2-containing-remodeling factor) complexes, which facilitate the perturbation of chromatin structure in an ATP-dependent manner.[UniProtKB/Swiss-Prot Function]