

Product datasheet for **SC319593**

MONIB (NM_014940) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	MONIB
Synonyms:	HSRG1; SAND2; SRG1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF:

>OriGene sequence for NM_014940.2 GCGAAGTGGGCTCGCTCTCCCGGGTTCGCAGCCGTAGCCAGATCCGTTGAAAGGAGTGC
AGAGAGGTCTCATTGCGCTCCCGAACAGACCTGACGTAGATCCGAAGTGGCCCGGCCAT
CTCAACTATGAGGGGACACCGTAGCGCGGGAGAGGACGCCGAGGAGCAATAAA
GCTCCGCAACCGGAAGTGTCTTCTGGGAGGGTCTACCCGGAAGTGTGGCACCTCCCGG
GCCGACCCGGAAGTGTGATGCCACCGCCGCTACGGGGAAGTAATGGTATCCGGCCAATT
GAGATTGCGAGTAAAAACAGGATGTGCAGATGGAGTGGAGGAGACACTGCTGCCCCG
GCCCCGGGGCGCGGAGGACTTGGAGGACACGAGTTCCTCAGTGAGGAAGCTAGAGAA
GGTGGAGGGGTTACGCGGTCCCGCGGATCCCGAAGACGAGGGCCTGGAGGAAACAGGA
TCCAAGGACAAGGACCAGCCACCCAGCCCATCACCACCGCCCCAGTCAGAGGCCCTGTCA
AGCACCTCTCGGCTCTGGAGTCTGACGCCCTGAGAATAGTCCACATGTAGCCCTGAG
AGTAGTCTGGAGGCCAGGGCGGGGACCCAGTGATGAGGAGTGGCGAGCCAGCGGAAG
CATGTGTTTGTCTGAGTGAGGCTGGCAAGCCCATCTACTCGCGTATGGTAGTGTGAG
GCGCTGTGCGCTACCATGGGTGAATGACCGCCCTGGTGTCTTTGTGCAGAGTGGGGA
GATGCCATCCGTGCCATCTACGCTGAGGACCACAAGCTGGTGTCTACAACAGGGCCCA
CTGTTGCTCGTGGCCATGTACGGACTTCTCAGTCAGCAGCCAGCTGCGGGGGAGCTG
CTAGCTGTGCACGCACAGATCGTGAGCACACTTACACGTGCAAGTGTGCGCCGATCTTC
GCACACAAGCAGAACTATGACCTCCGCGCCTGCTGGCTGGTTCAGAGCGCACACTGGAC
CGACTTCTGGACAGTATGGAGCAGGACCCAGGAGCCCTGCTCCTGGGTGCCGTGCGCTGT
GTGCCCCCTTGCCCGCCGCTGCGAGACGCACTAGGTGCGCTCCTCCGACGTTGCACAGCG
CCTGGCCTGGCGCTGTCACTGTGTCAGTAGGCGGTGCACTTATAACAGCAGCCAGGAG
CGGAATGTGCTGGCCGAGTGGCGGCTGGACCCAGCTGACCTGCAGTTGCTGCTGACTGG
GTGGGTGCACAGCCTTTGCGGCGGGTGGGCTTGGGACCTGTGTGCTGCCCCGCTTC
AACCTGATGGTTTTTTCTACGCCTACGTGGCCGCTGGATGCTATGCTGTGCTGCTG
CTGCTGCTTGGCACCAACGTGAAGCCTTCCATGCCATGGCCGCTGCCGGCGCTGGTT
GAAGATGGGATGCATGCCCTTGGTGCCATGCGTGCCCTTGGGGAGGCTGCCAGTTCTCT
AATGCCTCATCAGCCAGTGCTCCTGCCTACAGCGTGACGGCTGTCGGGGCGCGGGCCTC
CGGCACTTCTGTATAAGCCGCTGGACATCCCTGACCACCACCGCAACTGCCCCAGTTT
ACCAGCCCTGAGCTAGAGGCCCTTACAGCAGAGAGGAGGAGCGGACGCGCTGTGCGAC
CTGTACCACCGCTGCATGCTCGTCTCCACAGCACCTCCCGACCCCTGCGCCTCATTTAC
CACGTGGCTGAGAAGGAGACACTACTGGCCTGGGTGACCTCCAAATTCGAGCTCTATACC
TGCCTCAGCCCTCTGGTGACCAAGGACAGTGCAATCTTGGTAGTGACCAAACTCCTGCGC
TGGGTGAAGAAAGAGGAGGACCGGCTTTCATTGTTACCCACCAAGTACTCCACACCA
CCAGCCACCTCTACGGACCAAGCTGCCATAATGGCTTGTTCACTGGACTCTGATAGTTG
GAGCTCCCAGACAGGAGTGTGAGGAGCAACACCTTTGTTTTTACCTTCTGTCTACC
CTGGAAATGTGTGGGGGTGTGTCTGTGGCCAGTCATTGTCTCCCTAAGCAATGGGGCA
AGGTCTGAGGGCCACCGATGAGAGAGATGGTGGCAGCCGACGAGGAGCAGGCTGCTTT
CCCTGCCCAGTCATGCACCTCCCCCTCTGGGGAATCCTTAGGCCTCCCTCTCCCTTCCC
TCTGTCTCATCTCCTCCACTTGGATGATGCTCTAGCCTCTGTGAGGACTGTCCCTCCA
AACTTGCTTCCGTGGTCTGCTCCTAGTTGAATCTCAGCCCTGAGTGTCCAGATCTGGCC
AAGGTGTCTAGGGTGGCCACGGGGTGTGGAATTGGCACTTCAGGGCCAGGCTATGCT
TGGGACTGGCTGAGGGTATTTTAAAGAAAAAACTACATAAAAGGCTAAAAGTAAAA
AAAAAAAAAAAAA

Restriction Sites:

Please inquire

ACCN:

NM_014940

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).

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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>NM_014940.2, NP_055755.1</u>
RefSeq Size:	3328 bp
RefSeq ORF:	1644 bp
Locus ID:	22879
UniProt ID:	<u>Q7LIV2</u>
Cytogenetics:	16q23.1
Domains:	DUF254