

Product datasheet for **SC105503**

MONIB (BC024277) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	MONIB
Synonyms:	HSRG1; HSV-1 stimulation-related gene 1; MON1 homolog B; MON1 homolog B (yeast); SAND2
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF:

>OriGene ORF within SC105503 sequence for BC024277 edited (data generated by NextGen Sequencing)

ATGGAGGTCGGAGGAGACTGCTGCCCGGCCCGGGGCGCGGAGGACTTGGAGGAC
ACGCAGTTCCCACTGAGGAAGCTAGAGAAGGTGGAGGGTTACACGGTCCCGCGGAT
CCCGAAGACGAGGGCCTGGAGGAAACAGGATCCAAGGACAAGGACCAGCCACCCAGCCCA
TCACCACCGCCCACTGAGAGGCCCTGTCAAGCACCTCTCGGCTCTGGAGTCTGCAGCC
CCTGAGAATAGTCCACATGTAGCCCTGAGAGTAGCTCTGGAGGCCAGGGCGGGGACCCC
AGTGATGAGGAGTGGCGCAGCCAGCGGAAGCATGTGTTTGTGCTGAGTGAGGCTGGCAAG
CCCATCTACTCGCGGTATGGTAGTGTGGAGGCGCTGTCGGCTACCATGGGTGTAATGACC
GCCCTGGTGTCTTTGTGCAGAGTGCAGGAGATGCCATCCGTGCCATCTACGCTGAGGAC
CACAAGCTGGTGTCTTACAACAGGGCCCACTGTTGCTCGTGGCCATGTACGGACTTCT
CAGTCAGCAGCCCAAGCTGCGGGGGAGCTGCTAGCTGTGCACGCACAGATCGTGAGCACA
CTTACACGTGCAAGTGTGCGCCGCATCTTCGCACACAAGCAGAACTATGACCTCCGCCGC
CTGCTGGTGGTTCAGAGCGCACACTGGACCGACTTCTGGACAGTATGGAGCAGGACCCA
GGAGCCCTGCTCCTGGGTGCCGTGCGCTGTGTGCCCTTGCCCGCCCGCTGCGAGACGCA
CTAGGTGCGCTCCTCCGACGTTGCACAGCGCCTGGCCTGGCGCTGTCAGTGCTGGCAGTA
GGCGGTGCACTTATAACAGCAGCCAGGAGCGGAATGTGCTGGCCGAGTGCCGGCTGGAC
CCAGCTGACCTGCAGTTGCTGCTCGACTGGGTGGGTGCACAGCCTTTGCGGCGGGTGAG
GCTTGGGCACCTGTGTGCTGCCCGCTTCAACCCTGATGGTTTTTCTACGCTACGTC
GCCCGCTGGATGCTATGCCTGTCTGCTGCTGCTGGCACCAACGTGAAGCCTTC
CATGCCATGGCCGCTGCCGCGCCTGGTCAAGATGGGATGCATGCCCTTGGTGCCATG
CGTGCCCTTGGGAGGCTGCCAGCTTCTTAATGCCTCATCAGCCAGTGTCTGCTAC
AGCGTGCAGGCTGTGGGGCGCCGGCCTCCGGCACTTCTGTATAAGCCGCTGGACATC
CCTGACCACCAACCCCACTGCCCCAGTTTACCAGCCCTGAGCTAGAGGCCCTTACAGC
AGAGAGGAGGAGCGGACGCGCTGTGCGACCTGTACCACCGCTGCATGCTCGTCTCCAC
AGCACCTCCCGACCCCTGCGCCTCATTTACCACGTGGTGAGAAGGAGACACTACTGGCC
TGGGTGACCTCAAATTCGAGCTCTATACCTGCCTCAGCCCTCTGGTGACCAAGGCAGGT
GCAATCTTGGTAGTGACCAAACTCCTGCGCTGGGTGAAGAAAGAGGAGGACCGGCTCTTC
ATTGTTACCCACCAAGTACTCCACACCACGACCTCTACGGACCAAGCTGCCCAT
AATGGCTTGTCTACTGGACTCTGA

Clone variation with respect to BC024277.1
1110 t=>c

**5' Read Nucleotide
Sequence:**

>OriGene 5' read for BC024277 unedited

NGGTCGGAATTTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACGAGTGGGCCTC
GCTCTCCCGGTTAGCAGCCGTAGCCAGATCCGTTGAAAGGAGTGACAGAGGTCTCATT
GCGCTCCCGAACAGACCTGACGTAGATCCGAAGTGGCCCGGCCATCTCAACTATNAGGG
GACACCCGTAGGCGGGGGAGAGGGACGCCGCGAGGAGCAATAAAGCTCCGCAACCGGA
AGTGTCTTCTGGGAGGGGTCTACCCGGAAGTGTGGCACCTCCCGGGCCGACCCGGAAG
TGTGATGCCACCCCGCTACGGGGAAGTAATGGTATCCGGCCAATTGAGATTCTGGAGTTA
AAACAGGGATGTGCAGATGGAGGTGCGAGGAGACACTGCTGCCCGGCCCGGGGGCGC
GGAGGACTTGGAGGACACGAGTTCCCACTGAGGAAGCTAGAGAAGGTGGNAGGGGTTT
ACGCGGTCCCGCGGATCCCGAAAACGAGGGCCTGGAGGAAACAGGATCCAAGGACAAGG
ACCAGCCACCCAGCCATCACCACCGCCCACTCAGAGGCCCTGTCAAGCACCTCTCGGC
TNCTTGAGTCTGCAGCCNCTGAGAATAGTCCCACATGTAGCCCTGAGAGTAGCTCTGGA
GGCCAGGNCGGNAGCCNCACTGATGAAAGAGTGGCGCANCCAGCGAAGCATNGTTGTT
TGTGCTGAGTGGAGGCTGGNACGACCTACTCGCGGTATGGGTANTGGTGGAGGGCGC
TGTGCGCTACCATGGGGGTGTATGACCGCCCTGGTGTCTTGNNGCANAGTGGCGGGAG
ATGCCATCCGTGCCATCTACGCTGAGGACACAAGNNCTGGTGTCTTACACAGGGCCAC
TGTTTGTCTCCGTGGCATGTNACGGACCTCTTAATCAGAGCCANTTTNNGGGGGGAGCT
TGTTAGCTGGCCGACCAAA

3' Read Nucleotide Sequence:	>OriGene 3' read for BC024277 unedited <pre> GTACACTATGNACGCGGCCGCAATCTATGATCGGTTTTTTTTTTTTTTTTTTCCTTGTGG GTCTTACTTTTAGGCCTTTTATGTAGTTTTTTCTTTAAAAATACCCTCAGGCCAGTCCCA AGCATAGCCTGGCCCTGAAGTGCCAATTCAGCACCCCGTGGGCCACCTAGACACCTT GGCCAGATCTGGACACTCAGGGCTGAGATTCAACTAGGAGGCAGACCACGGAAGCAAGTT TGGAGGGGACAGTCCCTGACAGAGGCTAGAGCATCATCAAGTGGAGGAGATGAGACAGA GGGAAGGGAGAGGGAGGCCTAAGGATTTCCCAGAGGGGAGGTGCATGACTGGGCAGGG AAAGCAGCCTGCTCGCCTGGCGGCTGCCACCATCTCTCTCATCGGTGGGCCCTCAGACCT TGCCCCATTGCTTAGGGAGACAATGACTGGCCACAGACACACCCCCACACACATTTCCAG GGTAGACAGAAGGTAAAAACAAGGTGGTTGCTCCAGCACTGCCTGGTCTGGGAGCTC CAACTATCAGAGTCCAGTGAACAAGCCATTATGGGCAGCTTGGTCCGTANAGGTGGCTGG TGGTGTGGAGTACTTGGGTGGGTAAACGAATGAAAAGCCGTCTNCTCTTTCTTCAACCAG CGCAAGAGTTTGTCTACTACCAAGATTGCACCTGCCTTGGTCACCAAGGGCTGAAAGCA GTATAGAGCTCGAATTTGGAGGTCACCCAAGCCAGTAGTGTCTCTTCTCAACCACGTGG TAAATGAAGCGCANGGGTCCGGGAAGTGCCTGTGAAACGAGCATGCCGGCGGGGGT ACAAGGTCCGAAAGCCGCTGCCCGCTCCCTCCCTTCTGCTGAAAGGGCCTCTAGCCG </pre>
Restriction Sites:	NotI-NotI
ACCN:	BC024277
Insert Size:	2650 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:	BC024277.1 , AAH24277.1
RefSeq Size:	2474 bp
RefSeq ORF:	1644 bp
Locus ID:	22879
Cytogenetics:	16q23.1

Domains:

DUF254