OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC230711

SBNO1 (NM_001167856) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SBNO1 (NM_001167856) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SBNO1
Synonyms:	MOP3; Sno
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC230711 representing NM_001167856 Red=Cloning site Blue=ORF Green=Tags(s) TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGTGGAGCCAGGGCAAGATTTACTGCTTGCTGCTTTGAGTGAGAGTGGAATTAGTCCGAATGACCTCT TTGATATTGATGGTGGAGATGCAGGGCTTGCAACTCCAATGCCTACCCCGTCAGTTCAGCAGTCAGTGCC ACTTAGTGCATTAGAACTAGGTTTGGAGACCGAAGCAGCAGTTCCTGTTAAACAAGAACCAGAGACTGTA CCTACTCCAGCACTATTAAATGTGAGGCAGCAGCCTCCATCTACTACAACATTTGTGCTGAATCAAATAA ATCATCTTCCACCCTTGGGATCTACAATTGTAATGACTAAAACACCACCTGTAACAACCAACAGGCAAAC CATCACTTTAACTAAGTTTATCCAGACTACTGCAAGCACACGCCCGTCAGTCTCAGCACCAACAGTACGA AATGCCATGACCTCTGCACCTTCAAAAGACCAAGTTCAGCTTAAAGATCTACTGAAAAATAATAGTCTTA ATGAACTGATGAAACTAAAGCCACCTGCTAATATTGCTCAGCCAGTAGCAACAGCAGCTACTGATGTAAG CAATGGTACAGTAAAGAAAGAGTCTTCTAATAAAGAAGGAGCTAGAATGTGGATAAACGACATGAAGATG AGGAGTTTTTCCCCAACCATGAAGGTTCCTGTTGTAAAAGAAGATGATGAACCAGAGGAAGAAGATGAAG AAGAAATGGGTCATGCAGAAACCTATGCAGAATACATGCCAATAAAATTAAAAATTGGCCTACGTCATCC AGATGCTGTAGTGGAAACCAGCTCTTTATCCAGTGTTACTCCTCCTGATGTTTGGTACAAAACATCCATT TCTGAGGAAACCATTGATAATGGCTGGTTATCAGCATTGCAGCTTGAGGCAATTACATATGCAGCCCAGC AACATGAAACTTTCCTACCTAATGGAGATCGTGCTGGCTTCTTAATAGGTGATGGTGCCGGTGTAGGAAA AGGAAGGACGATAGCAGGAATCATCTATGAAAATTATTTGTTGAGTAGAAAACGAGCATTGTGGTTTAGT GTTTCAAATGACTTAAAGTATGATGCTGAAAGAGATTTAAGGGATATTGGAGCAAAAAACATTTTGGTTC ATTCGTTAAATAAGTTTAAATACGGAAAAATTTCTTCCAAACATAATGGGAGTGTGAAAAAGGGTGTTAT TTTTGCTACTTACTCTTCACTTATTGGTGAAAGCCAGTCTGGCGGCAAGTATAAAACTAGGTTAAAACAA CTTCTGCATTGGTGCGGTGATGACTTCGATGGAGTGATAGTGTTTGATGAGTGTCATAAAGCCAAAAACT TATGTCCTGTTGGTTCTTCAAAGCCAACCAAGACAGGCTTAGCAGTTTTAGAGCTTCAGAACAAATTGCC AAAAGCCAGAGTTGTTTATGCTAGTGCAACTGGTGCTTCTGAACCACGCAACATGGCCTATATGAACCGT CTTGGCATATGGGGTGAGGGTACTCCATTTAGAGAATTCAGTGATTTTATTCAAGCAGTAGAACGGAGAG

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Protein Sequence:

>RC230711 representing NM_001167856
Red=Cloning site Green=Tags(s)

MVEPGQDLLLAALSESGISPNDLFDIDGGDAGLATPMPTPSVQQSVPLSALELGLETEAAVPVKQEPETV
PTPALLNVRQQPPSTTTFVLNQINHLPPLGSTIVMTKTPPVTTNRQTITLTKFIQTTASTRPSVSAPTVR
NAMTSAPSKDQVQLKDLLKNNSLNELMKLKPPANIAQPVATAATDVSNGTVKKESSNKEGARMWINDMKM
RSFSPTMKVPVVKEDDEPEEEDEEEMGHAETYAEYMPIKLKIGLRHPDAVVETSSLSSVTPPDVWYKTSI
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VSNDLKYDAERDLRDIGAKNILVHSLNKFKYGKISSKHNGSVKKGVIFATYSSLIGESQSGGKYKTRLKQ
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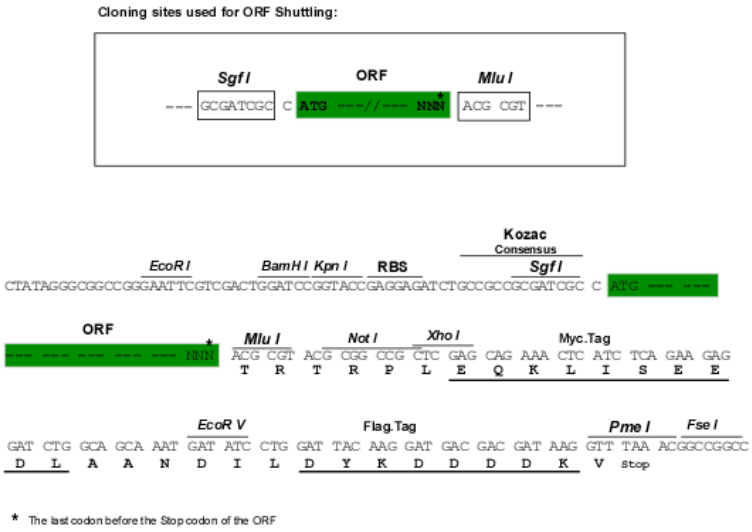
Restriction Sites: SgfI-MluI

Cloning Scheme:



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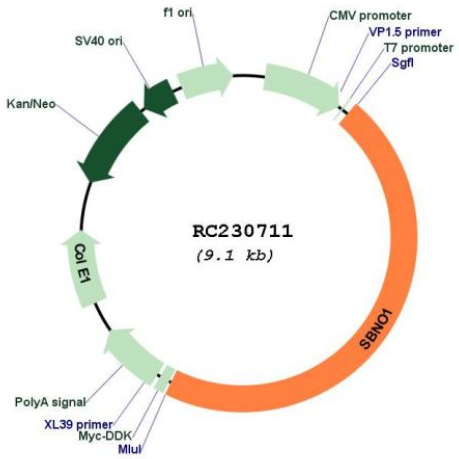
Plasmid Map:



ACCN:	NM_001167856
ORF Size:	4179 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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.
RefSeq:	NM_001167856.3
RefSeq ORF:	4182 bp
Locus ID:	55206
UniProt ID:	A3KN83
Cytogenetics:	12q24.31

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MW: 154.8 kDa

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