

Product datasheet for **SC318348**

SOBP (NM_018013) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	SOBP
Synonyms:	JXC1; MRAMS
Vector:	<u>pCMV6 series</u>



Fully Sequenced ORF: >NCBI ORF sequence for NM_018013, the custom clone sequence may differ by one or more nucleotides

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ATGGCAGAAATGGAGAAAGAAGGGAGACCTCCCGAAAAATAACGGAGCAGGAAGCCGGCT
CACCAGTGAAAAAGGGAGATCAATGAGGAGATGAAGAACTTTGCAGAAAAACACCATGAAT
GAACTCCTTGGCTGGTATGGCTATGATAAGGTTGAATTAAGATGGTGAGGATATTGAA
TTCAGGAGCTACCTACAGATGGGGAGAGCCGGCAGCACATTTCTGTTCTCAAAGAAAAT
TCTTTGCCAAAACAAAATTACCCGAGGACAGTGTATTTACCATAACAATATAAGCACA
GGCTATTACAGGGCTTGCCACTGGAAATGGACTCAGTGACTCACCTGCAGGGTCAAAGGAT
CATGGCAGTGTGCCATTATTGTACCTTTAATTCACACACCTTTCTATAAGCCACCAGCA
GAAGATGATGTGCAAAATGTACAAAATATGTGTGCCTGGTGCCAGAAAGTGGGAATCAAG
CGCTATTCCTGAGTATGGGAAGTGAGGTGAAAAGCTTCTGCAGCGAGAAGTGCTTTGCG
GCCTGCCGAGCAGCCTACTTCAAGAGAAAATAAGGCTAGAGATGAAGATGGACATGCTGAA
AATTTTCCCGAGCAGCACTATGCTAAGGAACTCCAAGGCTTGCTTCAAGAATAACTGC
GAACTACTTGATGTGACTGGTGTAAAGCACATAAGACACACAAAAGAATACCTGGATTTT
GGGGACGGGAAAAGAAGGCTTCAGTTCTGCAGTGCAAAATGTCTCAATCAATACAAAATG
GACATTTTCTACAAAGAGACCCAGGCCAATCTTCCAGCTGGGCTGTGCAGCACATTACAC
CCTCCCATGAAAAATAAGCAGAAGGCACCGGGGTGCAGTGCTCACTCCAGACTCTTGG
AATATCCCGCTAACAGATGCTCGGAGGAAGGCCCTCCCGGTGGCTACAGCTGGCCAA
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TCTGTCACTAAAAATCCCGACGCCAGTGCCTCAAGTCCATCCCATCAGCGAGACTCCAAAT
ATCCCTCCTGTCTCCGTCCAGCCACCTGCTAGCATCGGGCCTCCCTTGCGTCCCGCT
CGGAGCCCTCCCATGGTATGACCAACCGCGCCCGGTGCCGTGCCCATCTTCATGGAG
CAGCAGATCATGCAGCAGATCCGCCCGCCCTTCATCCGCGGCCCTCCGCACCATGCCTCC
AACCCCAACAGCCCTGTCCAACCCCATGCTTCCCGCATCGGGCCCCCGCCCGGTGGC
CCCAGAAACCTGGGCCCACTTCCAGCCCATGCACCGGCCCATGCTATCGCCCCACATC
CACCCCCGAGCACCCCAACATGCCCGGAACCCCCAGGCCCTGCTGCCCCGCCCGCT
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CCGACCTGCTCGTGCCGTACCCCGTATCGTGCCCTACCGGTGCCCATCCCATCCCC
ATCCCTATCCCTCACGTACGCACTCCAAGCCCCCAACGGGTTCTCCAGCAACGGGGAG
AACTTCATTCCGAACGCCCTTGCGACTCCGCGCGGGGGCGGCAAGCAAGCGGACAC
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TGCTCGGGCCAGGCCCTGAGCCTGGCGCCACGCCCGCGGAGCATGGCCGGAGCGAGGTG
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CCCGCCCGCGGCGACCCAGGCCCGGGCGCCCGCGGGCCCCGAGGCGGCGCGGCCTGC
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CCTCCCGAGCAGCCGCCCGCGCCGCCCGCGCCCCCAAGAAGCTGCTGTGCGCT
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AAGTCAGACCCGAACCTTAATAACCCCGCGGACGAGGACCATGCCTATGCTCTGCGGATG
CTGCCAAGACCGGCTGCGTGATCCAGCCTGTGCCAAAACCGCGGAGAAGGCTGCCATG
GCACCGTGATCATCTCTCGCCATGCTCAGCGCCGGGCTGAGGACCTGGAGCCCGCG
CTCAAAGGAGGTGCTCCGAATTAGAAATCAGAATAAG

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Restriction Sites: Please inquire

ACCN: NM_018013

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_018013.3</u> , <u>NP_060483.3</u>
RefSeq Size:	6248 bp
RefSeq ORF:	2622 bp
Locus ID:	55084
UniProt ID:	<u>A7XYQ1</u>
Cytogenetics:	6q21
Gene Summary:	The protein encoded by this gene is a nuclear zinc finger protein that is involved in development of the cochlea. Defects in this gene have also been linked to intellectual disability. [provided by RefSeq, Mar 2011]