

## Product datasheet for **MC222282**

### Sobp (NM\_175407) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sobp (NM_175407) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sobp
Synonyms:	2900009C16Rik; 5330439J01Rik; jc; JXC1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222282 representing NM\_175407  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCAGAAATGGAGAAAGAAGGGAGACCTCCGAAAATAAAAGAAGCCGAAACCCGCTCACCCCTGTGA  
 AGAGGGAGATCAACGAGGAGATGAAGAACCTTGCAGAAAACACCATGAATGAACTCCTTGCTGGTATGG  
 CTATGATAAAGTTGAATTAAGACGGTGAAGATATTGAATTCAGAAGCTACACTACGGATGGAGAAAGC  
 CGGCAACACATTTCTGTTCTCAAAGAAAATTTTGGCCAAAACAAAATACCGGAGGACAGTGTATTT  
 CATCTTACAATAAAGCACAGGCTACTCAGGCCTTGCCACTGGGAATGGACTCAGTGACTCACCTGCTGG  
 GTCAAAGGACCATGGCAATGTGCCTATTATTGTCCCTTAATCCCACCACCTTTCATAAAGCCGCCAGCA  
 GAAGATGATGTGCAAAATGTACAATAATGTGTGCCTGGTCCAGAAAGTGGGGATCAAGCGCTATTCCC  
 TGAGTATGGGAAGCGAGGTGAAAAGCTTTCAGCGAGAAATGCTTTGCGGCTGCCGGAGAGCCTACTT  
 CAAAAGAAACAAGGCTAGAGATGAAGATGGACGTGCTGAAACGTTTCCCAGCAGCACTATGCTAAGGAA  
 ACTCCAAGGCTTGCCTTCAAGAATAACTGCGAACTACTTGTGTGACTGGTGTAAACACATAAGGCACA  
 CAAAAGAATACCTGGATTTTGGGACGGGGAGAGAAGGCTTCAGTTCTGCAGTGCAAAATGTCTCAATCA  
 ATACAAAATGGACATTTTCTACAAGAGACACAGGCCAATCTTCCAGCCGGGCTGTGCAGCACACTCCAC  
 CCTCACATGGAAAGTAAAGCAGAAGGCACCGGGTGCAGCTGCTCACGCCAGACTCTTGGAAATACCCGC  
 TAACAGATGCTCGGAGGAAAGCCCTTCCCCTGACTGCAGCTGGCCAAAGCCAGGGCCCCGGCCATC  
 CTCGTCCACCACCGTTTCTCCATCTGACACTGCCAAGTCTGTCACTAAAATCCCACGCCAGTGCC  
 AAGTCCCTCCCATCAGCGAGACTCCGAGCATCCCTCCGCTCCGGTCCAGCCACCTGCTAGCATCGGAC  
 CTCACATGGGTGTCGCCCTCGCAGCCCTCCCATGGTGATGACCAACCGCGGCCAGTGCCTCCCTGCCAT  
 CTTTCATGGAGCAGCAAAATTATCCAGCAGATCCGCCCGCCCTTATCCGCGGACCACCGCACCACGCCTCC  
 AACCCCAATAGTCCCTTGTCCAACCCATGCTCCCGGCAATTGGGGCCCCGCCGAGGCCCCAGGAACC  
 TAGGCCCACTTCCAGCCCCATGCACCGGCCATGCTATCGCCCCACATCCACCCCAAGTACCCCTAC  
 CATGCCTGGGAACCCCCAGGGCTGCTGCCCGCCGCCCGGGCGCGCCCTTGCCAGCCTTCCCTTC  
 CCTCCGGTTAGCATGATGCCAACGGCCCGATGCCGGTCCCCAGATGATGAACTCGGGCTGCCTTCGC  
 TGGCCCCGCTGGTCCGCCCCCCACGCTGCTCGTGCCGTACCCAGTGATAGTGCCCTGCCGGTCCCAT  
 CCCTATCCCTATCCCATTCCCATGTGAACGATTCCAAGCCCCCAACGGATTTTCCAGCAACGGGGAG  
 AGCTTCGTCCGAGCGCTCCGGGCGACTCATCGCGGGCGGAGGCAAGGCTGGTGGACGCTCCCTGTCCC  
 CGCGGGACTCCAAGCAGGGCTTCCAAGTCAGCCGACTCGCCACCCGGAAGCTCCGGCCAGGCTCTGAG  
 CCTGGCGCCCAGGAGCGCGGTCTGGGGAGGTGGTGGACCTGACCCGGCGCGCAGGCAGCCCCGCGGGT  
 GCGGGAGGCCAGCCGGGCTTCCGGGGCGTGTGCACGGCCCGCAGGACGGCGTCACTGCACCTGACCGTGG  
 GCCACCGAGCCCGGTGCACAACGTGATACACCGTGCCTGCACGCTCACGTCAAGGCGGAGCGCGAGCC  
 GGGAGCCCGGAGCGCAGGACCTGCGGGCGTGCAGGGACGGCCACTGCAGCCCGCCCGCCGCGGGCAGC  
 CCCGGCCCGGGCGCCCCCGGGCCCGAGGCCGCTGCCGCTGCAACGTATCGTGAACGGCACCCGCA  
 GCGCCCCGGCGAGGCCAAGGGCGCGGAGCCCCCGCGGAGCAGCCCGCCCGCCAGCCCTCCCCAAAA  
 GCTACTGTGTCGAGGAGCCTGTGGTGAACGAGCTGGAGTCGGTCAAGGAGAACAACCTGCGCTTCCAAC  
 TGCCACCTGGACGGGAAGCGACCAAAAAACTGATGGGGGAGGAAGCCCTGGCGGGGGGCAACAAGTCGG  
 ACCCGAACCTCAATAACCCCGGAGCAGGACACGCCTATGCTCTGCGGATGCTGCCAAGACCGGCTG  
 CGTGATCCAGCCTGTGCCAAAACCCGCGGAGAAGGCTGCCATGACGCCGTGCGTCATCTCTCGCCCATG  
 CTCAGCGTGGCCCTGAGGACCTGGAGCCTCCGCTCAAAAGGAGGTGCCTCCGAATTAGAAACCAGAATA  
 AGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_175407  
 Insert Size: 2595 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_175407.3</a> , <a href="#">NP_780616.4</a>
<b>RefSeq Size:</b>	4994 bp
<b>RefSeq ORF:</b>	2595 bp
<b>Locus ID:</b>	109205
<b>UniProt ID:</b>	<a href="#">Q0P5V2</a>
<b>Cytogenetics:</b>	10 22.89 cM
<b>Gene Summary:</b>	Implicated in development of the cochlea.[UniProtKB/Swiss-Prot Function]