

## Product datasheet for **MC200372**

### Sbds (NM\_023248) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Sbds (NM\_023248) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Sbds  
**Synonyms:** 4733401P19Rik; AI836084; CGI-97; SDS  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC003849 sequence for NM\_023248  
GCTTCTTCCCTGGTAGGTTCCGGAAGAGCCGCGCACTCCTTGGGCGTTAAGGGTTCGCGCGCCGAGGGT  
CGTTTCAGCCGAGCACTTGGCGTCCCCTCGAGCTCGAGATCTGTGAACAGCCACCATGTCGATCTTACC  
CCACCAACCAGATCCGACTGACCAATGTGGCCGTGGTGC GGATGAAGCGGGAGGGAAGCGCTTCGAAA  
TCGCTGTATAAAAAACAAGGTCGTCGGCTGGCGGAGTGGCGTGAAAAAGACCTTGATGAAGTTCTGCA  
GACCCATTCAAGTGTAAATGTTTCCAAAGGTCAGGTTGCCAAGAAGGAGACCTCATCAGTGCATTT  
GGGACAGACGACCAGACTGAAATCTGCAAGCAGATTTTACTAAAGGAGAAGTTCAAGTGCAGATAAAG  
AACGGCACACACAGCTGGAGCAGATGTTTAGGGATATCGCCACCATTTGGCAGACAAGTGTGTGAACCC  
AGAAACAAAGAGACCTTACACCGTTATCCTCATCGAGAGGCCATGAAGGACATCCACTACTCCGTGAAA  
CCCAACAAGAGCACAAGCAACAGGCTTTGGAAGTGATAAAGCAGCTGAAAGAGAAGATGAAGATAGAGC  
GGGCCACATGCGATTGCGCTTATCCTGCCAGTGAACGAAGGGAAGAAGCTGAAGGAGAAGCTGAAGCC  
ACTGATGAAGGTGGTGGAGAGTGAAGGACTACAGCCAGCAGCTGGAGATCGTGTGCCTCATCGACCCAGG  
TGCTTCAGAGAAATTGATGAGCTAATAAAAAAGGAAACGAAAGGCAAGGGTCTCTGGAAGTGTCTAGTC  
TGAAGGACGTGGAGGAAGGCGATGAGAAGTTTGAATGACACCGCCGGCTCCTCAACTGGAGCACGACCG  
AGGACGCTTGTTCCTCACAGCAGCAGCTCGTTCTGTGACCTGCCAAACGCCCTGCTCACGCGACGTGCCA  
CTTCCATCTTGTGTTAAACATTTACCCAGGTACCTGGGTATTTTTGTTGTAATTGGGGTTCCAGCAA  
AAATGAAAAATAACCTAAAATACAGAGTCCAGAACAGCTGCTCACTGCTGCGTCTGCCTTCTAGTTCCA  
GGGACCAGAGACAGCATTGGTGGATAAGAAGGTAGAGTTAGTCCATGACAGATCATTGGAGAGGGGTCT  
GAATAACAAGGGGTACGCTGCTGGAAGAAGATGGGGTGTCTGAATAATGAAGTGCAGGTATGGG  
GTGTGAGCATGGAGAGAAGAGTTCTGGTCCCTCCCAATAGATTATAATGACTAGGGAGAATTTGACT  
TTCTAATTTTCAACCAACATGCTACAAAAGTACTTAGATTATTCTTGGGAAAAATATACAGTCATTT  
AATACTAATTCTAAAGTTTATAATATATGTTAGTATAGTTAAAATTCTATGTAATCAATAAACTTAT  
TTTTACTAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_023248



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<b>Insert Size:</b>	753 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="#">BC003849</a> , <a href="#">AAH03849</a>
<b>RefSeq Size:</b>	1495 bp
<b>RefSeq ORF:</b>	753 bp
<b>Locus ID:</b>	66711
<b>UniProt ID:</b>	<a href="#">P70122</a>
<b>Cytogenetics:</b>	5 G1.3
<b>Gene Summary:</b>	This gene encodes a protein that is necessary for ribosome function and maintaining normal levels of protein synthesis. The encoded protein may function to activate ribosomes for translation, and may be involved in cellular response to stress and DNA damage. Loss of this gene is embryonic lethal while deficiency of the encoded protein in the pancreas is associated with symptoms of Shwachman-Diamond syndrome. [provided by RefSeq, Dec 2015]