

## Product datasheet for MC211548

### S100pbp (NM\_029036) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** S100pbp (NM\_029036) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** S100pbp  
**Synonyms:** 4930429A08Rik; AI851343; S100pbpr  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC211548 representing NM\_029036  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACGTGTTCACTCTTGCCCTCTGAACAGTCTTCTGGTGCCTTTTTCTGCCTAAAAGCAATGCCTCAT  
 TTCCTTGGGGTTCCTTGGATGAAGATGAGTTGGATGACTCCTTGTGGAGTTTTCTGATGGAGAAGAAGA  
 TGATGGCCATTTCACTTTACAGAGGAAGAGATTGAGATGCTCTTGAAGGACGATGATGGTGGGCATAAT  
 GAGTATAGACCAAGAAAGAGTCAAATTCACCTGATATTCTCAAGAAAATTCCTTGTACAGCTTGGGAC  
 CAGCAGCTGAAACCCCTGGCTTCTAAAACCTCAACTAAGTACATCAGTTGGTCATGGACCTACTCC  
 TAGTAAATCATTAAACAGACACTTTGTACTTGAAGAAGTCTTATAAAAAGTAACTGTTGTCGCACCATTT  
 AATCCAACAGTTTGTGATCCTGTGCTTGATAAAGACAAGATCGATTCTCCAAAGAAACGGAAAATCCTG  
 CCTCCCTTCGGGAACAGACGAGAGAAGATGACCCTCAACCTAATGAGAGTAAACGTTGCACTGAGCCTGA  
 AGGGGTCACTCCAATACCTCTGCTTGGGATGGGCCCTGCTTTCTTCTCCTTCAAACAATAACATCGAA  
 CAAACTGCCTCTGATAAAAAATACCTGAAAGTAAGAAACCTACCCCTGTGTTCTCTCAGATCTCCAACC  
 ATTCAGAGGTCCCAACAGGAAAAACAGTGGCTCACATAAATCAGTTGTGAAGTGAGAATTCAGTTGT  
 GTCCAGTTTCATCAACAGACATGCCTTTGACAAGGATTCTGGGGAGCGAAAGGTGAGAGAAGACTAGGC  
 AAAGTCATTCTGTTCTACAAACTAGAACCAGGATGTTTTCAACAATCAGAGCTAGAAAAACAGAAGGACA  
 TTTATCTCAGCAAAGTCATTGCTCATATAGAAGATCCAGGGGACTCTAACCAAGGTACCTTGGGAGAGCT  
 AGATGCCCTGATGGATCAAGTTTCATATGCAGCACCCAGACTGGCAGCATCCTTCTCAGATCTTACCACCGA  
 AACTACGCCCGTTCCGACAGAGGCTCTGCAGAGGTACAGTCTGAGTCAAGTGGTTGACAGAAACAAGC  
 GGAGCCACCATCGTTCCAGCGTCTCCAGACTTCTCTACAGTCCATATGTCTCATCCCATCAACAGTG  
 A

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_029036
<b>Insert Size:</b>	1191 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>	<u><a href="#">NM_029036.2</a></u> , <u><a href="#">NP_083312.1</a></u>
<b>RefSeq Size:</b>	1546 bp
<b>RefSeq ORF:</b>	1191 bp
<b>Locus ID:</b>	74648
<b>UniProt ID:</b>	<u><a href="#">Q9D5K4</a></u>
<b>Cytogenetics:</b>	4 D2.2