

Product datasheet for **MC224708**

Setbp1 (NM_053099) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Setbp1 (NM_053099) Mouse Untagged Clone
Tag: Tag Free
Symbol: Setbp1
Synonyms: C130092E12; mKIAA0437; Seb
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224708 representing NM_053099
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGAGCCAGGGAAATGTTAAGCAGCTGCCGGCAAAGAGGGAGTGAGTCGGAATTCCTCAGGGCTCCT
 CATCCAGATCCCCACCTGCTCCTGGCTGTTCCAGGAGAGCCCTTGAAGGCATCTCTGTGGGTGGAGAACC
 CATGGAGCCAGAGGAGGAGGATGAATTGGGCTCAGGACGAGATGTGGATTGCAATTCTAATCGACACAGT
 GAGAAATGGGTGGCTGGAGATGGCTTGGAGGAGCAGGAGTTCTCCATCAAGGAGGCCAACTTCACTGAGG
 GGAGCTTAAAGCTGAAGATTCAGACCACAAGCGGGCTAAGAAAACCCCAAAAACCTGGAGAACTATAT
 CTGCCACCTGAGATCAAGATCACCATAAAGCAGTCTGGGGACCAGAAGGTGTCCCGTACTGGGAAAAAT
 AGCAAAGCGACTAAGGAAGATGAAAGAAACCACTCCAAAAAGAAGCTCCTCACAGCCGGTGACCCTACAG
 CCAGCGACCTCAAAGCATTTCAGACACAGGCATACGAGAGGCCCCAGAAACACTCAACACTTCAGTATGA
 CCCAGGTCACCTCCAGGGCTTACCAGTGACACCTTAAAACCAAAGCACCAGCAAAAAGCAGCAGTCAG
 AGCCACATGGAATGGTCTCCAACCTGACAGTGGACCAGCTACTCAGAATTGCTTCATCAGTCCAGAGG
 CTGGCCGAGACACTGCAAGCACCAGCAAGTCCCAGCTTGAACCCGTGGCTTCTTTGCAAAGGCCCA
 GAGTAAAAAAGGCAGTACAGGAGGGCCTGGAGTCAGTTGTCCAGCAGTAGCAAAGACCTGCTCTTGGGA
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 TCCAGCCATTGGGAGATCAAGATGGAGGAAGTACAAAGGACCTCCAGAGCCACCCACTCTCAGTAGCAA
 GAAGAAGTCCAGTAAAAAGATATGATAAGCCAAACCTACCGAAGTCCAGTCTGGATTGGGTCAAGAGT
 GCCCAGAAAGCATTGAAACCACAGAAGGGAAACGGGAGGCCTACTCTGCAGACAGTGTCAAGAGGCAT
 CGCCAGCCCGGCAGAGCATCAGTCCGTCAGTAATCCGGAAAATGATTCCAGTCATGTCCGGTACTACT
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 AACCCCTCAGTTGGCCTTGAACAGGTGGGAACGCTGAAAAGATTGTCCCCGGAGGTGCGTCCAAGCAG
 AGGAAACCGCCATGGTCATGACGTCACCCACACGCACAGAGCAGCTCCATCAGGAAAGCTGTCTGAGA



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TCCAGCACCCCAAGTTTCTGCTGCAAAAAGGAGGTGTAGCAAGGCCAAACCTCCGGCTATGCTTCGAGAGGC
 AGTCTTAGCTACCGCCGAAAACTGATGGTGGAGCCACCGTCTGCTTACCCATTACCCATCCAGCCCT
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 CAGCGTGGCCCTAAAGGCCAAAGCTCCCCAGAGACTAGTCTGGGGCAGCATCTATCGAAAGTAAACTG
 GGAAAGCAGATTAATGTGAGCAAGAGAGAACCATCTACATAGGCAAGAAGAGGGGCAGGAAGCCAAAGGA
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 GGACGTTCCAGCCGTGCCTTCCAGTTCAGTCAACCCGTGGCTTCTTACCAGCAGCTATGCACCCACTC
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 AAATAATGCGGAACCTCCAGCCATCAGTGTCTTCCAACCAAAACCCAGAAGGGAAATCCACGTTGGGAC
 CTGGAAGCTGTCCCACCCCGGCTGATGGCCAACCTCCCATCACACCTTTGCGAGATTGGCTCACTGAAG
 GAGATAACGTTGTCCCCTGTGAGTGAGTCCACAGCGAGGAGACTATCCCAGCGACAGTGGCATCGGGA
 CAGACAACAACAGCACCTCCGACCAAGCAGAGAAGAGTTCAGAATCCCAGCGGAGGTTACTTTTCGACTT
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 AAGCATCTCATTGTGGACACTTTTCTGGCCACGAAAGCCTCAAGAAGCCAAAGCACAAGAGGAAACGGA
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 GTTCAGGATCTCCCACCGGGGCTACACTTTCTACCATGAGAATCCGTATCCCAGCATCTTTAGGATTAAC
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 TGAAGTCAAAGAAGAAGCGTGGTAGGCCGCAAAAACCAATGACACCATGACAAAGGTGCCTTTTTTACA
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 ATGATGAACCTTGGTTACTATGGTCAAGTACCCGGCTCCTGTACTGTACACACACTCGGAGCAGCAT
 CCCCTTTCATGAGGCCGACAGTGCACCCAGTTCACGCAAGTTCTCATGTAAGATATCCGGGGC
 AACGAAACATAAAGCCAAGCATGGCGTCCACTTGCAGGGAACCGTAGGCATGGGCCTTGGTGACATACAG
 CCATCCCTGAACCCTCCCAAGTGGGCGGGGCCACTCTGTCCAGCAGTAGGCTCCACAAGAGGAAACACA
 AACATAAGCGTAAGCACAAGGAAGACCGAATCCTAGGGACCCATGACAACCTGAGTGGTCTCTTTGCAGG
 CAAAGCCACAGGCTTCTCCAGCCACCTCCTGAGTGAACGGCTCAGCGGTTCCGACAAAGAGCTGCCGCTG
 GTGAGCGAGAAGGACAAACACAAGGAGAGACAGAAGCACCAGCACGGGGAGGCCAGCCACAAGGTTTCCA
 AGAACAACCTTTGAGGTGGACACCCTGTCTACGCTGTCACTTTCTGACGCCAGCACTGGACACAGGCTAA
 GGACAAAGGTGACTTGAAGCAGTGAAGCCTGTGGAGTCTGTGCTAAAAGGTTACTCTGGCAGCGGTGGAGAC
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 TGGGTGGGAGTAAGAGGAGGAGCTTTGAAGGCTTTGGGACGTACAGGGAGAAGGACATCCAAGCCTTCAA
 GATGAATCGCAAGGAGAGAGGTTCTTATGAGTCTCCATGTCTCCAGGGATGCCAAGTCCCCTTAAAA
 GTGGACCAGACAGCAGCACAGTAAGAGCGAGGGCTCAATATCTGCCATGATGGCCAGGAAGAAGCCAA
 CTGCAAGTGGACAGTGTTCGATTCCCTCAGCACCCGTGTATCTCTCCTTGTGCATCTGCAGCAACATC
 GGATGCAGCCAGTCTCCCTGAAGAAGAGATTCAAGAGACGGGAGATCGAAGCCATCCAATCGGAAGTG
 CGGAAGATGTGCCATTACACCAAGCTTCTGTCCACCAAGAAGAACCTGGACCAGTGAACAAAATCCTGA
 AGGCCAAGCGGCTGCAGAGACAATCAAAGACGGGCAACAACCTTTGTCAAGAAGAGGCGAGGCGGCCCTAG
 GAAGCAGCCCTCACAGTTCGATGAGGACTCCAGAGACCAATGCCAGTGTGAAAAAGTGCATTGACCTA
 CCCAGCAAGAGAGGCCAGAAGCCAGCCTGAGTCCCCTAGCGCTGGAACCGGCTCGGGCCAGGATGCAG
 TGATGGCCACCATCGAGGCTGTATCCACATGGCTCGGGAGGCGCCGCGCTGCCCCCGCCGCCCCCC
 ACCACTGCCACCCGCCCGCTCCACCACCGCCGCCCGCCGCTGCCAAAGACGGCTCGGGGCGGGAAG
 AGGAAACACAGACCGCAGCCCCAGCGCAGCCCGCAGCCACGCCGACGCCCTTCCCAGGAAGAGG
 AGGTGAAGGCCAAAAGGCCACGGAAGTCCCAGCCAGCGAGAGTGTCTTCCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_053099

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|-------------------------------|---|
| Insert Size: | 4749 bp |
| 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). |
| 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: | <ol style="list-style-type: none">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: | <u>NM_053099.2</u> , <u>NP_444329.2</u> |
| RefSeq Size: | 9981 bp |
| RefSeq ORF: | 4749 bp |
| Locus ID: | 240427 |
| UniProt ID: | <u>Q9Z180</u> |
| Cytogenetics: | 18 E3 |