

## Product datasheet for **RR206376**

### **Sbf2 (NM\_001134970) Rat Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Sbf2 (NM\_001134970) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Sbf2  
**Synonyms:** Mtmr13; RGD1559442  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR206376 representing NM\_001134970  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCCCGTTGGCCGACTACTTCATTGTGGTAGGCTACGACCACGAGAAGCCAGGGCCAGGAGAAGGTC  
TGGGAAAATAATTCAGAGATCCCACAGCAGGACTGGGATGACACACCCCTTCCACAGGAATTGAATT  
GGGAACGAAGAAGGAGATCGAGGGTGAAGAAGTATCTGCTTAAATCAACCTGCAGAAGTATTGCA  
CCAAAAGCCTGGTGTGGTATCCAGATTAGACTATCCAGAAATCTTAGGGCTTGCCTGGTCTGATCT  
ATACTGTGTACGTGGACAGCCTGAGTGTCTCCTGGAAAGCCTCATCGCAAATCTTTGTGCTTGCCTTGT  
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TAGTGATGCCTGTAGAGCCCTGGAATCTTAATGTTTCTCTTAAATACAGTTACCCTTATATCCATT  
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TTGAAAATAAACTTTGGAGACTGAGAAGACTCTTCCCGCTGCCTTGAGGGCCCTTAAAGGAAAAGCAGC  
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ATACAAAAGAGGAGCCTTGCTGAAGGGGTGAAAACCCCGTTGGTTTGTTTTAGATGTAACAAAACACCAG  
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 CAGCAAGCGAGTGTACAACTTCTGTGCCAGGACGGACAGAGCGCCAGCAGTGGATGGACAGGATCCAG  
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR206376 representing NM\_001134970  
 Red=Cloning site Green=Tags(s)

MARLADYFIVVGYDHEKPGPEGLGKIIQRFPPQDWDPTFPQGIELGTTKKEEIEGEEVSALIQPAEVFA  
 PKSLVLVSRLDYPEIFRACLGLIYTVYVDSLVSLESLEANLCACLVPAAGGSQKLFSLGAGDRQLIQT  
 LHDSLPTGTSVALLFQQLGIQNVNLFCVAVLTENKVLFHSASFQRLSDACRALESMLFPLKYSYPYIPI  
 LPAQLLEVLSSPTPFIIGVHSIFKTDVHELLDVIADLDGGTIKIPECIHLSSLPELLHQTAALSLIL  
 HPDLEVADHAFPPRPTALSHSKMLDKEVRAVFLRLFAQLFQGYRSLQLIRIHAEPVIHFHKTAFQGRG  
 LVENDFLTKVLNGMAFAGFVSEGGPPYRACDLFDELVAFEVERIKVEENPLKMIKHIRELAEQFKNEN  
 PNPMAFQKVPPTGSHLRVHILPFPKINEARVQELIQENLAKNQATPATRTEKKCIVPAGPPVVSIM  
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 QEQVRSYL SAKEDNHTPHQKQKELPDGQYQERTAMDAAEQRLWPTLSKATQQELVQHEESTVFSQAI  
 HFANLMVNLVPLDTSKNKLLRASAPGDWESGNSIVTNSIAGSVAESFDTESGFEDSENNDVANSVVR  
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 LRVLLDPDGREEATGGLLGGPQLLPAEGALFLTYRILFRGTPHDQLVGEQTVVRSFPIASITKEKKITM  
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 QKEKNTSFRFTSKTIVKGAKKAGKMTIGRQYLLKKRTGTIVEERANRPGWNEEDDISVSDDCELPTSTL  
 KASEKSTMEQLVEKACFRDYQRLGLGTISGSSSRKPEYFRVTASNRLYSLCRSYPGLLVIPQAVQDSSL  
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 IDVGARLAGKDHASFSNSTYLQNLKRQAALYIFGEKSQLRSSKVEFAFNCFVPEFHEIRQVKASF  
 KKLMRACIPSTIPTDSEVTFKALEDESEWFPQLHRIMQLAVVSEVLENGSSVWVCEEGWDITTVQVTS  
 VQLLSDPFYRTIEGFRMLVEKEWLSFGHKFSQRSSLALNSQSGFAPIFLQFLDCVHQVHNQYPTFEFEN  
 LYYLKFLAFHYVSNRFTFLDSDYERLEHGTLFDDKGDKHAKKGVCIWECIDKMHKRSPVFFNYLYSPV  
 EIEALKPNVNVSSLKKWDYYTEETLSAGPSYDWMMLTPKHFPYEEVDVAGGAGPQSQRKTWVPCYDDVTC  
 SQPDALTRLFSEIEKLEHKLNQTPKWHQLWEKITMDLKEEPRTDHSRHSRSPGIASNTVPSYQKRPA  
 LHALHRSPTEDQSTTTAPSNGVEHRAATLYSQYTSKNDENRSFEGTLYKRGALLKGWKPRFVLDVTKHQ  
 LRYYDSGEDTSCKGHIDLAEVEMVVPAGPSMGAPKYTSKAFDLKTSKRYYNFCAQDQGSAAQQWMDRIQ  
 SCISDA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI



<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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_001134970.1</a> , <a href="#">NP_001128442.1</a>
<b>RefSeq Size:</b>	6383 bp
<b>RefSeq ORF:</b>	5481 bp
<b>Locus ID:</b>	691042
<b>Cytogenetics:</b>	1q33
<b>MW:</b>	205.6 kDa