

Product datasheet for **RN217392**

Safb2 (NM_001303144) Rat Untagged Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Safb2 (NM_001303144) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Safb2 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF:

>RN217392 representing NM_001303144

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCAGAACCTGTGACCGGGTCGGGCGACCCGGCTTTTAGTCCGGTCGCTTCGGATAGTGGGATGCGGC
GGCTCAGCGACCTGCGGGTGATCGACCTGAGGGCGGAGCTGAAGAAGCGGAACCTGGATACAGGAGGCAA
CAAGAGTGTGTTGATGGAGCGGCTGAAGAAGGCATTTAAAGAGGAAGGACAAGAACCTGAGGAAGTCGGT
ATCAGTTGGGAGCTGTAAGCAAGAGGGCTATAAAGAGAAAACCAAAGGGGCAAGATGGAGGAGGAGG
GCGGTGAGGACACCGCCTGGAGGAAGATTCCAGAGATGGGCAGGATGAGACTGTGATTCTTCAGAGTTC
ACAAGACAGGGACACTGTGGATACAGGTGTGCCAGATGGGATGGAGGCTCAGGACCTCAGTGTGCCCTGC
CTGGGGAAGGCCGACACCGACAAACAGTCTCTTGATGCCCTTGATGACAGTAAAGAGTACGTGGCCGCGC
AGCTGGGACAGCTTCCAGCTCAGCTCCTGAAGCATGCTGTGAATGAGGATGTCTCAAGAACACTCTGGA
AGCTTCCATGTGACAGCTTAAAGTAACATGGCTGGTGAAGAAGCCCGTTGGAACAGAAAATGAGAAA
ATACTCGACATTTGGGGGAAACTGTAAATCTGAGCCAGTAAAAGAAGAAGTTTCGGAGCTGGAGCAGC
CCTTTGCCAGGCCACGAGTAGCGTGGGGCCAGACAGGAAGCTGGCGGAGGAAGAGGACCTATTTGAGAG
CTGCGGCCACCCGGAAGAGGAAGAAGAAGAGGAGGAAGAAGAGGAGCAGGAAGAGGAGCAGGAGGAGGAG
GGAGATTTAGCTTTGGCCAGCAGCAGCAAGTCTGAGTCTTCAAGCACTCGATGTCAGTGGAGCGAGGCGAG
ACGCCCTGTTAGCAGTAGTGAAGGGGAGCCGGCAGAGGCGCCTGGTGGAGGCGGAGGACTCAGCACTG
GCGGAAGCGAAAGCGAAGGCGGAAGCATCAGGCAGAGGCAAGAAGTCTGGGCACGGGTGGAGGTACCTGG
ATGAACCGCGAGCCTGTAGGGCTAGAGGAGCCAGTTGAACAGAGTAGCACGGCTGCCAGCTCCCGAGGAGG
CCACCGCAGGAGCTGGTGGCAGCGCCACGGCAGCCCGAGCCCTGAGCCCGAGATGCAAAAGCAGCA
CGTGAAGAAGTTTGCTTTTGACGCTTGTAAATGAGTCCCTGCGGCTCCTAAAGAGTCTCAGCCAGTGAG
GGTGTGATCAGAAAATGAGCTTTGTTAAGGAAGAAGCAGGATATAAGCCAGTCATTAAGACGAGAAAAG
GCCGTGCCAGCTGTAGCTCAGGAAGAACCTGTGGGTGAGTGGACTGTCTCCAGCACACGTGCTGCTGA
TCTCAAGAGCCTTTCAGCAAGCATGGGAAGGTCAATGGAGCCAAGGTGGTTACCAATGCCCGCAGTCTCT
GGAGCTCGATGCTATGGATTTGTGACCATGTCCATGTCAGATGAGGCCACCAAATGCATCAACCACCTGC
ACAGAACAGAAGTGCATGGAAGGATGATCTCTGTGGAGAAGGCCAAAAATGAGCCCTCTGAGAAGAAGTC
AGCAGACAGGAGAGCTTTGACCAAAAGGAGAAGGTGCCAGGGCCAGACAGGCCTCACCTGTGAAGATC
AAGATGGAGAAAAGTGTGATCAAAAAGGAAGAGAAAAGTGGAAAGAAAGGAAGAGAAAGGGCCAGAGGACA
TTAAGAAGGAGAAGGATCAAGATGAGCTTCCACCAGGAACCGCCAGTATTCTCGAGTAACCAAATCAGG
AAGCAGATGCACGGAGCGTACAGTCGTGATGGACAAGTCCAAGGGCGAGCCCGTCACTAGTGTGAAGGCC
ACAAGCAGGTCAAAGGACAGAAGCTCCAAAAGTCAAGACCGAAAGTCAAGAGGGCAGGGGAGAAGAGAGACA
TATTGTCAATTTGACAAGATCAAGGAGCAGCGGGAGCGGGAGCGCCAGAGGCGAGGGAGCGTGAAATCCG
GGAGACCGAGCGGCGACGGGAGCGGGAGCAGCGAGAGCGGGAGCAGCGTCTGGATGCCCTCCAGGAGCGG
CGGGAGAAGGCTCGTTTGACGCGAGAACGGCTGCAGCTCCAATGCCAGCGGCAGCGTCTAGAAAGGGAGC
GGCTGGAGAGGGAGAGACTGGAGAGGGAGCGCATGCGAGTGGAGCGTAAAGGCGCAAGGAACAGCAGCG
CATTATGCGTGAGCGTGAGGAGCTGCGACGGCAGCAAGAGCAGCTGCGGGCTGAGCAGGAACCGCGAGCA
TTGCGCAGAGCCTACAACCTGGATGCTAGGAGAGATGATGGCTACTGGCCAGAAGGGAAGCGTGACGCCA
TGAAGACAGATATCGAGACTTTCCAAGGCCAGATCACCGTTTCCATGACTTCGATCACCGGGAACGGGG
TCATTACCAGGAGCATGTTATAGACAGGAGGGATGGGTCCAGACCCAGAATGGAAGAGCGGGATGGGCCG
TACTACCAGATGACCAGCACAGCCATGGAAGGCCTCTGGAGCACCATGGTTGGGACGCCGAGACGGCT
GGCATGGTACAGCTCTGACAAGAAGTTGAATGAAGGCCTAGGGTACCCCTCCCCCAGGGTACAGCCG
AGAATGGGCAGAGCACAGCTCACAGTTGGAGGAGCAGCAGTTCTGTCTGGCACAACGCTGTGGACACA
AACATGACGGGCCATGAACACATACGGTGGCGAGGTGCTGAGCGGGCCCTACAGGACCTGGGCATGGGC
ATGTGGCAGCAGGCCGGGTGGCATGGCTGGGCAAGGCAGCTTTGCACACGGTGAACATTCAGGGCCCA
TATTATGCCTAGTGGTAGACTGGAAGGTGGTGGCGTGGCCAGCCAGGACCAGGGTGGCCGAATTCACCAAC
TCCCACCTCACCCCACTTCACCCGCCGTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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|-------------------------------|---|
| Restriction Sites: | Sgfl-Mlul |
| ACCN: | NM_001303144 |
| Insert Size: | 2976 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). |
| OTI Annotation: | Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag. |
| 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_001303144.1, NP_001290073.1</u> |
| RefSeq Size: | 3236 bp |
| RefSeq ORF: | 2976 bp |
| Locus ID: | 301126 |
| Cytogenetics: | 9q12 |