

## Product datasheet for **MC223007**

### Safb2 (NM\_001029979) Mouse Untagged Clone

#### Product data:

|                           |                                                                                    |
|---------------------------|------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                |
| Product Name:             | Safb2 (NM_001029979) Mouse Untagged Clone                                          |
| Tag:                      | Tag Free                                                                           |
| Symbol:                   | Safb2                                                                              |
| Synonyms:                 | AA389433; AI255170; mKIAA0138                                                      |
| Mammalian Cell Selection: | Neomycin                                                                           |
| Vector:                   | pCMV6-Entry (PS100001)                                                             |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                                               |
| Fully Sequenced ORF:      | >MC223007 representing NM_001029979<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGGAACCCGGGACCGGGTTCGGGGACCCCGCCTTTGGTCCGGGCGCCTCGGAGAGTGGGACGCGGC  
GGCTCAGCGACCTGCGGGTATCGACCTGAGGGCGGAGCTGAAAAAGCGGAACCTGGATACGGGAGGCAA  
CAAGAGCGTGCTGATGGAGCGGTGAGGAAGGCATTTAAGGAGGAAGGACAAGAACCTGAGGAGGTTGGA  
ATCAGCTGGGAGCTGTGAGCAAGAGGGCTGTAAGAGAAAACACCAAGGATCCAAGATGGAGGAGGAGG  
GCAGCGAGGACAACGGCCTGGAGGAAGATTCCAGATATGGGCAGGATGGGTTGTGATTCTCAGAGTTC  
ACAAGACAGGGACACCATGGATACAGGTGTGCCAGATGGGATGGAGGCTGAGGACCTCAGTGTGCCCTGC  
CTGGGGAAGGCCGACACCGTCAACCAGATTCTTCATGCTTTTGATGACAGTAAAGAGTACGTGGCCGCGC  
AGCTGGGACAGCTTCCAGCTCAGCTCCTGAAGCATGCTGTGGATGAGGAGGTTCTCAAGAACACTCTGGA  
AGCTTCCGTGTCAGACCTTAAAGTAACTCTGGCTGATGAAGAAGCCCCATGGAACCAGAAAATGAGAAA  
ATACTCGACATTTTGGGGAACTTGTAATCTGAGCCAGTAAAAGAAGAAGGTTTCGGAGCTGGAGCAGC  
CCTTTGCCAGGCCACGAGTAGCGTGGGGCCAGACAGGAAGCTGGCGGAGGAAGAGGACCTATTTGAGAG  
CTGCGGCCACCCGGAAGAGGAAGAGGAAGAGGAGGAAGAAGATCAGGAAGAGGAGCAGGAGGAGGAGGGA  
GATTTAGCTTTGGCCAGCAGCAAGTCTGAGTCTCAAGCACTCGGTGTCAGTGGAGCGAGGCAGATG  
CCCCGTTAGCAGTAGTGAAGGAGCTGGCAGATGCGCCGGTGGAGGTGGAGGTACTCGGCACAGGCCG  
GAAGCGCAAGCGAAGGCCGAAGCATCAGGCGCAGGCAGAAGCTCTGGGCACAGGTGGAGGTGCCGGATG  
AACTGCGAGCCTGTAGGGCTAGAGGAGCCAGTTGAACAGAGTAGCACGGCTGCCAGCTCCCGGAGGCCA  
CCAGCCAGGAGCTGGTGCAGCGCCACGGCAGCCCTGAGCCCTGAGCCCCAAGATAGCAAGAAGACGT  
GAAGAAGTTGCTTTGACGCTTGTAAATGACGTCCTGCGCCTCCTAAAGAGTCTCAGCCAGTGAGGGC  
GCTGATCAGAAAATGAGCTCTGTTAAGGAAGAACAAGATATAAAGCCAGTCATTAAGATGAAAAAGGCC  
GTGCCAGCTGTAGCTCAGGAAGGAACCTGTGGTCACTGGGCTGTCTCCAGCACCCGTGCTGCTGACCT  
CAAGAGCCTTTCAGCAAGCATGGAAGGTCATCGGAGCAAGGTGGTCCACCAATGCCCGCAGTCCAGGG



GCTCGGTGCTATGGATTTGTGACAATGTCCACGTGATGAGGCCACCAATGCATTAGCCACCTGCACA  
 GAACTGAACTACATGGGAGGATGATCTCTGTGGAGAAGGCCAAGAATGAACCTCTGAGAAGAAGTCGTC  
 AGACAGGAGAGCATGTGACCAAAAGGAGAAGGTGCCAGGGCCGGACAGGCCTCACCTGTGAAGATCAAG  
 ACGGAGAAAAGTGTGATCAAGAAGGAGAAAAAAGTGGAAAAGAAAGAGGAGAAAGGGCCAGAAGACATTA  
 AAAAGGAGAAGGATCAAGATGAACTCACACCAGGAGCTGCTGGTCATTCTCGAGTCACCAATCAGGAAG  
 CAGAGGCATGGAGCGTACAGTCGTGATGGACAAGTCCAAGGGCGAGCCCGTCATCAGTGTGAAGGCCACA  
 AGCAGGTCAAAGGACAGAAGCTCCAAAAGTCAAGACCGAAAAGTCAGAGGGCAGGGAGAAGAGAGACATAC  
 TGTCAATTCGACAAGATCAAGGAGCAGCGGAGAGGGAGCGCCAGAGGCAGAGGGAGCGTGAATCCGGGA  
 GACAGAGCGAAGACGGGAGCGGGAGCAGCGAGAGCGGGAGCAGCGTCTGGATGCCTTCCAGGAGCGACGG  
 GAGAAGGCTCGCTTGACGCGGGAACGGATGCAGCTCCAGTGCCAGCGGCAGCGGTTGGAGCGGGAGCGGC  
 TGGAGCGGGAGAGGCTGGAGCGGGAGCGCATGAGAGTGGAGCGTAAAAGGCGCAAGGAACAGCAGCGCAT  
 TATGCGTGAGCGGGAGGAGCTGCGGCGGCAGCAAGAACAGCTGCGTGCTGAGCAGGAACGGCGGCACTG  
 CGCAGACCCTACGACCTGGATGCTAGGAGAGACGATGGCTACTGGCCAGAAGGGAAGCGTGCAGCCTTAG  
 AGGACAGATACCGAGACTTCCACGGCCAGATCACCGCTTCCATGACTTTGATCACCGAGATCGTGCCCA  
 TTACCAGGAGCATGTCATAGACAGCGGGATGGGTCCAGAACCAGAGTGGAGGAGCGGGATGGGCAGTAC  
 TACCCAGATGACCAGCACAGCCATGGAAGGCTCCTAGAGCACCATGCTTGGGATTCGGAGACGGCTGGC  
 ATGGCTACAGCTCTGACAAGAAGTTGAATGAAGGCCAAGGGCTACCCCTCCCCCAGGGTCAGCCGAGA  
 GTGGGCGGAGCACAGCTCACAGTTGAGGAGCAGCAGGTTCTGTCTGGCACAGTGTGTGGACAAAAAC  
 ATGACGGGCCATGAACACATACGGTGGCGAGGTGCTGAGCGGGCCCTGCAGGAGGACCTGGGCATGGGC  
 ATGTGGCAGCAGGCCGGGTGGCATGGCTGGGCAAGGCAGCTTTCACACCGTGGACATTCACAGGGCTA  
 TATTGTGCCAGTGGTAGACTGGAAGGTGGTGGCATGGCCAGCCAGGACCAGGTTGGCCGAGTTCCTAAC  
 CCCCACCTCACCCCACTTCACCCGCCGCTAC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAAGTCACTCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001029979
- 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).
- 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:**
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:** [NM\\_001029979.2](#), [NP\\_001025150.2](#)
- RefSeq Size:** 3299 bp
- RefSeq ORF:** 2976 bp

Locus ID: 224902

UniProt ID: [Q80YR5](#)

Cytogenetics: 17 D

Gene Summary: Binds to scaffold/matrix attachment region (S/MAR) DNA. Can function as an estrogen receptor corepressor and can also inhibit cell proliferation (By similarity).[UniProtKB/Swiss-Prot Function]