

Product datasheet for **MC222754**

Safb (NM_001163300) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Safb (NM_001163300) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Safb
Synonyms:	3110021E02Rik; 5330423C17Rik; AU018122; D18386; E130307D12; HAP; HET; SAF-B1; SAFB1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC222754 representing NM_001163300

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGAGACTCTGTCTGGGTTTAGGAGACCGAGTGCGGCGGGCGGGCGGCCGTGAGCTCCGCGCGCT
CAGAGACCGGGACGCGGGCTCAGCGACTGCGGGTGATCGACCTGCGGGCGGAGCTGAAGAAGCGGAA
CCTCGACTCGAGCGCAACAAGAGCGTGTGATGGAGCGGCTGAAGAAGGCCATTGAAGATGAAGGTGGG
AATCCTGATGAAATTGAAGTCACTCAGAATGCAACAAGAAGATGCCTAAGAGGCCAGCAAAGGGAGGA
AACCAGAAGACGAGGGTGTGGAGGACAACGGGCTCGAGGAGAATTCTGGGGATGGCAGGAGGATGTGGA
GACCAGCTGGAGAACCTGCAAGACATGGATATGATGGACATCAGTGTCTGGATGAGGCTGACATTGAC
AATGGCAGCGTGGCAGACTGTGTGGAGGAAGAGGAGGAGCCACACTCCCTGAGGGCCTAGCAGACAGCA
CTGAAGTGGTGAAGGAGATTTGAAAGGGCTCCAGAACAGCTGCAGGAGCATGCTATAGATGACAAGGA
CACCGTTAACAATGTAGATACGTCATCATCTGACTTCACCATGCTGCAGGAGATGGAAGAGGCATCTTTG
GAGCCAGAAAATGAGAAAATACTCGACATTTTGGGGGAACTTGTAAATCTGAGCCAGTAAAAGAAGAAAG
GTTCCGGAGCTGGAGCAGCCCTTGGCCAGGCCACGAGTAGCGTGGGGCCAGACAGGAAGCTGGCGGAGGA
AGAGGACCTATTTGAGAGCTGCGGCCACCCGGAAGAGGAAGAGGAGGAAGAAGATCAGGAAGAG
GAGCAGGAGGAGGAGGGAGATTTAGCTTTGGCCAGCAGCAAGTCTGAGTCTCCAAGCACTCGGTGTC
AGTGGAGCGAGGCAGATGCCCGTTAGCAGTAGTAAAAGGGAGCCGCGAGATGCGCCTGGCGGAGGCAC
TGGGATGGACCGCAGCCTGTAGGGCTAGAGGAGCCAGTTGAACAGAGTAGCACGGCTGCCAGCTCCCG
GAGGCCACCAGCCAGGAGCTGGTGGAGCGCCACGGCAGCCCTGAGCCCTGAGCCCAAGATAGCAAAG
AAGACGTGAAGAAGTTTGGCTTTGACGCTTGTAAATGACGTCCTCGCCCTCTAAAGAGTCTCAGCCAG
TGAGGGCGCTGATCAGAAAATGAGTTCTGTGGAGGAGGACTCGGATACAAAAAGGCTTTCCCGAGAAGAG
AAGGGTGCAGCAGCTGTGGTAGGAATTTCTGGTTAGTGGCCTTTCGTCTACAACCAGAGCCACGGATC
TGAAGAACCTGTTTAGCAGATATGGGAAGTGGTGGTGTAAGTTGTGACGAACGCCGGAGTCTGG
AGCTCGTGTTATGGCTTTGCTACTATGTCCACAGCTGAAGAGGCAACAAAATGCATTAGCCATTTGCAC
AAGACTGAGCTGCATGGCAAGATGATCTCAGTGGAAAAGGCCAAAAGTGAAGCCACTGGCAAAAGAGTGC
CTGACAGCGGAGATGGGACAGCAAGAAGGAGAAGGCCAGCACCAGTGCAGATCTGCAACCTTAAGAG
GGAGGAGAAAGGTGAGAGAAAAGACGATGCCAAGAAGACAGATGATGGGAGCACAGAGAAGAGCAAAGAC
GCAGATGACCAGAAACCTGGGCCTTCAGAGCGCTCGCGAACGACCAAGTCAGGAAGCCGTGGCAGTGC
GCACTGTGGTGTGACAAAGTCCAAAGGTGTGCCTGTCATCAGTGTGAAAACATCTGGGTCTAAAGAGAG
AGCCTCCAAAAGTCAGGACCGGAAGTCAGCCAGCCGGGAGAAGCGGTCTGTTGTGTCCTTTGACAAAGTT
AAAGAGTCTCGAAAGTCCAGAGACTCAGAGTCTCGGAGGGAACGGGAGCGCAGTGAAGCGGGAGCAGAGGC
TGCAGGCCAGTGGGAGCGGGAGGAGCGAGAGCGGCTGGAGATTGCTCGTGAAGCGCTTGGCATTCCACCG
CCATCGGTAGAGCGTGAACGCATGGAGCGGGAGCGGCTGGAGCGGGAGCGGATGCATGTAGAACAGGAG
CGGAGGCGTGAGCAAGAGCGCATTCACCGAGAGCGAGAGGAGCTTCGGCGTCAGCAGGAGCTGCGCTATG
AACAGGAGCGCCCGCTGCTGTGCGCAGGCCATGAAGTGGATGGCCGGCGAGATGATGCCTATTGGCC
AGAAGCTAAACGGGCTGCTCTGGATGACCGTTACCACTCAGACTCAGCCGCCAGGACCGCTTTACAGC
TTTCGACCACAGAGACAGAGGCCGTTATCCCAACCACTTGTGGATAGGAGAGAAGGTTACGGTTCGATGA
TGGGAGACAGAGAAGGACAGCATTACCTGAACGCCATGGAGGACCTGAACGCCATGGCCGGGACTCTCG
AGATGGCTGGGGCTATGGTTGCAACAAGAGATTGAGTGAAGGCCGGGGGCTGCCCTCCTCCAGGCGT
GACTGGGGGAGCATGGCCGGGACTTGAAGATGACCGGCATGGCAGGGCACGGCTGATGGAGGCATGA
TGGAGCGTATCATAAGAGGTGGCAAGGTGGTGGAGGAGCATGCTGGCCACTCGGGCCTGGTACAT
GATGAACCGTGGTGCATGTCAGGGCGAGGCAGTTTTGCCCGAGGAGGCTTCTCGTGGCCATGTGATC
CCACGTGGAGGGATGCAGGCAGGCTTTGGAGGACAGAGCCGGGAAGCAGACCCAGTGTGCCCGCTTCA
CCCGCCGCTATTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:	NM_001163300
Insert Size:	2814 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_001163300.1</u> , <u>NP_001156772.1</u>
RefSeq Size:	3183 bp
RefSeq ORF:	2814 bp
Locus ID:	224903
UniProt ID:	<u>D3YXK2</u>
Cytogenetics:	17 D
Gene Summary:	Binds to scaffold/matrix attachment region (S/MAR) DNA and forms a molecular assembly point to allow the formation of a 'transcriptosomal' complex (consisting of SR proteins and RNA polymerase II) coupling transcription and RNA processing. Can function as an estrogen receptor corepressor and can also bind to the HSP27 promoter and decrease its transcription. Can inhibit cell proliferation. When associated with RBMX, binds to and stimulates transcription from the SREBF1 promoter.[UniProtKB/Swiss-Prot Function]