

Product datasheet for **MC207824**

Sf3b4 (NM_153053) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sf3b4 (NM_153053) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sf3b4
Synonyms:	49kD; Sa; Sap49; SF3b49; SF3b50
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC207824 representing NM_153053 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGGCTGCCGGACCGATCTCCGAACGGAATCAGGATGCCACGGTGTACGTGGGCGGTCTGGACGAGAAAG
TGAGTGAGCCGCTGCTGTGGGAGCTCTTCTCCAGGCAGGGCCAGTGGTCAACACCCACATGCCAAAGGA
CAGAGTCACTGGCCAGCACCAGGGCTATGGCTTTGTTGAATTCCTGAGCGAGGAAGATGCCGACTATGCC
ATTAAGATTATGAACATGATCAAACCTATGGAAAGCCAATACGGGTGAACAAGGCTCAGCTCACAAACA
AAAACCTGGATGTGGGAGCCAACATTTTCATTGAAATCTGGACCCAGAAATTGATGAAAAGCTGCTTTA
CGATACTTTACGCGCTTTGGAGTCATCCTACAGACCCCAAGATCATGCGGGACCCTGACACAGGCAAC
TCCAAGGGTTACGCCTTCATTAATTTTGCCTCCTTCGATGCTTCGGATGCAGCAATTGAGGCCATGAACG
GGCAGTACCTGTGTAACCGTCTATCACTGTGTCTTATGCCTTCAAGAAGGACTTAAGGGTGAACGCCA
TGGCTCAGCAGCTGAAAGACTCCTGGCAGCCCAGAACCCGCTGTCCAGGCTGACCGCCCTACCCAGCTG
TTTGCCGATGCACCCCTCCGCCCTCTGCCCAATCCCGTGGTTTCATCCCTGGGTTCTGGGCTTCCTC
CACCAGGCATGCCGCCTCCTGGCTCTTTCCACCTCCAGTGCACCTCCTGGGGCCCTCCCTCCTGGGAT
TCCCCAGCCATGCCCCACCACCTATGCCACCTGGGGCTGGAGGACATGGCCCCCAGCAGCAGGGACT
CCAGGGGCTGGACATCCCGGTCACGGACTCACATCCTCACCCGTTCCACCAGGTGGGATGCCCCATC
CAGGGATGCCAGATGCAGCTGGCCACCATGGCCCCATGGCCTAGGACACCCCATGCTGGGCTCC
GGGCTCTGGGGGAGCCACCACCTCGGCCACCTCCTGGAATGCCTCATCCTGGACCTCCTCCAATGGGC
ATGCCCCCGAGGGCTCCTTTTGGATCTCCCATGGGTACCCAGGTCCCATGCCTCCACACGGCATGC
GTGGGCTCCTCCATTGATGCCCCCTCATGGATACAGGGTCTCCAAGACCCCTCCCTATGGCTACCA
GCGGGGGCCCTCCGCCACCAGACCCACTCCACGGCCCCAGTCCACCTCGTGGTCTCTTCGGGGC
CCACTTCTCAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_153053
Insert Size:	1275 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:	NM_153053.4 , NP_694693.1
RefSeq Size:	1741 bp
RefSeq ORF:	1275 bp
Locus ID:	107701
UniProt ID:	Q8QZY9
Cytogenetics:	3 F2.1
Gene Summary:	This gene encodes one of the subunits of splicing factor 3B. A similar gene in human encodes a protein that cross-links to a region in the pre-mRNA immediately upstream of the branchpoint sequence in pre-mRNA in the prespliceosomal complex A. It also may be involved in the assembly of the B, C and E spliceosomal complexes, and also belongs with the minor U12-dependent spliceosome. [provided by RefSeq, May 2015]