

Product datasheet for MR200641

Sf3b6 (NM_025323) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sf3b6 (NM_025323) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Sf3b6
Synonyms: 0610009D07Rik; 6030419K15Rik; AV001342; Sf3b14
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR200641 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGATGCAAGCGGCTAAGAGGGCGAATATTCGCCTCCACCTGAAGTAAATCGGATTTGTATATAA
 GGAATTTGCCATACAAAATCACAGCAGAAGAAATGTATGATATTTGGGAAATATGGACCTATTCGTCA
 AATCAGAGTAGGGAATACACCTGAAACCGAGGAACAGCCTATGTGGTCTATGAGGACATCTTTGATGCT
 AAGAATGCCTGCGACCACCTATCAGGATTCAACGTTTGTAAACAGATACCTTGTGGTTTTGTATTACAATG
 CTAACCGGCATTTCAGAAGATGGACACCAAGAAGAAGGAGGAGCAGCTGAAACTTCTCAAGGAAAAGTA
 TGGCATCAACACAGATCCTCCCAAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200641 protein sequence
 Red=Cloning site Green=Tags(s)
 MAMQAAKRANIRLPPEVNRILYIRNLPYKITAEMEYDIFGKYGPIRQIRVGNTPETRGTYVVYEDIFDA
 KNACDHLSGFNVCNRYLVVLYNANRAFQKMDTKKKEEQKLLKEKYGINTDPPK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



[View online »](#)

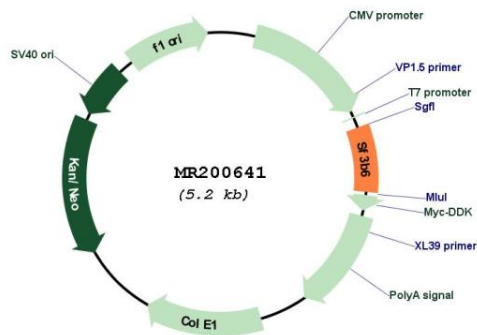
UniProt ID: [P59708](#)

Cytogenetics: 12 A1.1

MW: 14.6 kDa

Gene Summary: Involved in pre-mRNA splicing as a component of the splicing factor SF3B complex. SF3B complex is required for 'A' complex assembly formed by the stable binding of U2 snRNP to the branchpoint sequence (BPS) in pre-mRNA. Directly contacts the pre-mRNA branch site adenosine for the first catalytic step of splicing. Enters the spliceosome and associates with the pre-mRNA branch site as part of the 17S U2 or, in the case of the minor spliceosome, as part of the 18S U11/U12 snRNP complex, and thus may facilitate the interaction of these snRNP with the branch sites of U2 and U12 respectively.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR200641