

Product datasheet for **MC206292**

Usp39 (BC026983) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Usp39 (BC026983) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Usp39
Synonyms:	SAD1, CGI-21
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC026983
 GATGTCTAGCCGGTCCAAGCGGCAGTCCCATGGTTCACCCGCGGGAAGCGTGAGTCCGAGTCTCGTGGC
 AGCTCGGGTCCGATCAAGAAGGAGCGAGACCGTGAGAAGGAGCCCGAGGCGGCGAGCTCCCGGGTAGCC
 CCGTCCGCGTGAAGCGGAGGCCGAGCCGGCTGCGCGAGAGGTCCCGGCGCCCGCTCCCGGTCTGCG
 GGTGAAGCGTGAGCGGAGGCCGATGAAGACTCGGAGCCCGAGCGGGAGGTGCGAGCAAAGAATGGCCGA
 GTGGATTCTGAAGACCGGAGGAGTCTGACTGCCCGTACTTGGATACCATAATAGGAGTGTGCTGGACT
 TCGACTTTGAGAACTCTGCTCCATTTCTCTCTCGCACATCAACGCATACGCCTGTCTGGTGTGGCAA
 GTACTTTCAAGGCGGGGCTTAAAGTCTCATGCCTACATCCACAGTGCCAGTTCAGCCACCATGTCTTC
 CTAACCTCCACACTCTCAAGTTTTACTGCCTTCTGACAACTATGAAATCATTGATTCCTCGTGGAGG
 ATATCACGTATGTGTTGAAGCCTACTTTCAAAAGCAGCAAATTGCAAATTGGATAAGCAAGCCAAATT
 GTCCCGGCATATGATGGCACCCTTACCTGCCAGGGATCGTGGGACTGAACAACATAAAAGCCAACGAC
 TATGCAAATGCTGTGCTGCAGGCTCTATCTAATGTCCCTCTCTCGAACTACTTCTGGAGGAAGACA
 ATTACAAGAACATCAAGCGTCTCCGGGGACATCATGTTCTTGTGGTTCAGCGTTTTGGAGAGCTGAT
 GAGAAAGCTCTGGAACCCCGAACTTCAAGGCGCATGTCTCTCATGAGATGCTTCAGGCTGTCGTA
 CTTTGCAGCAAGAAGACTTTCAAATTACCAAACAAGGGGATGGAGTTGACTTCTGTCTTGGTTTCTGA
 ATGCTCTGCACTCTGCTCTGGGAGGCACCAAGAAGAAGAAAAAGACTATTGTGAATGATTTTTCCAGGG
 ATCAATGAGAATTTTACCAAAAAGCTTCTCATCTGATCTGCCAGCGGAAGAGAAAGAGCAGCTGCTC
 CACAATGATGAGTACCAAGAGACGATGGTAGAGTCCACGTTTATGTACCTGACGCTGGACCTTCCCACGG
 CCCCCTCTATAAGGATGAGAAGGAGCAGCTCATCATCCCCAGGTGCCTCTCTTCAACATCCTGGCCAA
 GTTCAACGGCATCACGGAGAAGGAATACAAGACTTATAAGGAGAACTTCTGAAACGCTTCCAGCTCACC
 AAGCTGCCTCCGATCTAATCTTTTGCATCAAGAGATTTACTAAGAACAACCTTCTTGTGGAGAAGAATC
 CAACAATTGTCAACTTCCCTATCAGAAATGTGGATCTGAGAGAATACTTATCTGAAGAAGTCCAAGCCGT
 CCACAAGAACCACCTATGATCTCATCGCCAACATCGTGCATGATGGCAAGCCCTCTGAGGCTCCTAC
 AGGATCCACGTGCTTTCATCATGGGACTGGCAAGTGGTATGAATTACAAGACCTCCAGGTGACAGACATTC
 TGCCCCAGATGATCACACTGTCTGAGGCGTACATTGAGATTTGGAAGAGGCGGACAATGATGAAACCAA
 CCAGCAGGGGGCTTGAACGCCTTGTGGTTTTTATTCCCAAGGGCTGTGGCTGAAGATGGTAAATAAAA
 ATACTGAAGCTGTGCTGAACACAGACTGACTGAAAGATTCTGCCCCAGTCCAGTTTTTATGGATTCTG
 GCTGCATCACCATGAAGGAGCCTGTCTGCCCTGATGTTCTGCGCTGTCTCCGGCAGCAGTTGTGGTCTGA
 CACTCTTCCCTTTCAGCATCAGCAGGCAGAACTTTACAGATGGATGCCTATTTGAATTGCTGCAAGTA
 TCAAAGAACAGACAGTTCGGTAGAAACGTGAGTCTGGAGACCCTAGGAGTAAACGTGAAGTCAAGCAGCA
 GCCTTCTGTATAGGTAGTGGCTTTCCTGTAGCTCCCTTTCATCTCTGTGGGACGTGTGCGATGGATTAA
 ATATCCTCTGTTTTTAAA

Restriction Sites: EcoRI-NotI

ACCN: BC026983

Insert Size: 1695 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: [BC026983](#), [AAH26983](#)

RefSeq Size: 2181 bp

RefSeq ORF: 1695 bp

Locus ID: 28035

Cytogenetics: 6 32.27 cM

Gene Summary: Plays a role in pre-mRNA splicing as a component of the U4/U6-U5 tri-snRNP, one of the building blocks of the pre-catalytic spliceosome. Regulates AURKB mRNA levels, and thereby plays a role in cytokinesis and in the spindle checkpoint. Does not have ubiquitin-specific peptidase activity.[UniProtKB/Swiss-Prot Function]