

Product datasheet for MC200595

U2af2 (NM_133671) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	U2af2 (NM_133671) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	U2af2
Synonyms:	65kDa
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC200595 representing NM_133671. Blue=ORF Red=Cloning site Green=Tag(s)

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CTATAGGGCGGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCG
CGCCAGATCTCAAGCTTAACTAGCTAGCGGACCGAC
ATGGACTTCTTCAACGCCAGATGCGCTTGGGAGGGTTGACTCAGGCCCTGGCAACCCAGTCTTGGCT
GTGCAGATAAAACAAGACAAGAATTTTGCCTTTTGGAGTTCCGGTCAGTGGATGAGACGCCAGGCC
ATGGCATTGATGGCATCATCTCCAGGGCCAGTCATTGAAGATTCGAAGGCCTCATGACTATCAGCCA
TTGCTGGCATGTCAGAGAACCCTCTGTTTATGTGCTGGAGTTGTATCCACGGTAGTCCCAGATTCT
GCCACAAGCTGTTTCATCGGGGTTTGCCCAATTACCTAAATGATGACCAGGTAAAAGAGCTGCTGACA
TCCTTTGGGCCTCTCAAGCCTTCAACTTGGTTAAGGATAGTGCCACAGGGCTCTCAAGGGCTATGCC
TTCTGTGAGTACGTGGACATCAACGTCACAGATCAGGCCATTGCGGGGCTGAATGGGATGCGAGTAGGG
GACAAGAAGCTGCTTGTCCAGAGGGCGAGTGTGGGAGCCAAGAATGCCACGCTGAGCACCATCAATCAG
ACACCTGTGACCTTCAAGTGCCCGGCCTGATGAGCTCTCAGGTGCAGATGGGCGGTACCCAACTGAG
GTCCTGTGCCTCATGAACATGGTGTGCTGAGGAGCTGCTGGACGATGAGGAGTATGAGGAGATTGTA
GAGGACGTACGAGACGAGTGCAGCAAGTATGGGTTGGTCAAAATCCATTGAAATCCCCGCCCGTGGAC
GGCGTCGAGGTGCCTGGCTGTGAAAGATCTTCGTGGAGTTCACCTCTGTGTTGACTGCCAGAAAGCC
ATGCAGGGTCTAACCGGTCGAAAGTTCGCCAACAGAGTGGTGGTCACAAAATACTGTGACCCTGATTCT
TACCACCGTCGGGACTTCTGGTAG
ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAG
GATGACGACGATAAGGTTTAAACGGCCGGCCGCGGT

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Restriction Sites:	RsrII-NotI
ACCN:	NM_133671
Insert Size:	921 bp



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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:	BC007487
RefSeq Size:	2190 bp
RefSeq ORF:	1416 bp
Locus ID:	22185
Cytogenetics:	7 A1
MW:	33.8 kDa
Gene Summary:	<p>Plays a role in pre-mRNA splicing and 3'-end processing. By recruiting PRPF19 and the PRP19C/Prp19 complex/NTC/Nineteen complex to the RNA polymerase II C-terminal domain (CTD), and thereby pre-mRNA, may couple transcription to splicing. Required for the export of mRNA out of the nucleus, even if the mRNA is encoded by an intron-less gene. Positively regulates pre-mRNA 3'-end processing by recruiting the CFIm complex to cleavage and polyadenylation signals.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1.</p>