

Product datasheet for MC205359

Rbfox2 (NM_175387) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rbfox2 (NM_175387) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rbfox2
Synonyms:	Fbm2; Fxh; Hrnbp2; Rbm9
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC027263

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>BC027263
CCCAGGGGGAGGTGGCCTGTGCGGGGTCGCCCGGCTCCCAGTGGCGAAGGGGGCGCGGGCGGATGGCGGA
AGGCGGGCAGGCGCAGCAGCAGCCGCTCAGCTCGGGCCCGGCGCTGCCGCCGGGCGATGAAGCGGGAG
TCGGAGGTGGAGTTGCCGGTGCCCGGAGCGGGGCGAGACGACCGAGCCGCGCCTGAGCAAGCGGCCAC
GCACAGAGGAGGCGGCCGACGGCGGGATGCAGAACGAGCCACTGACCCCGGGTTATCATGGATTCCCAGC
AAGGGATGGTCAGGGTAACCAGGAGCCAACAACAACCTCCTGACGCAATGGTTCAGCCTTTTACTACCATC
CCGTTCCCACCACCTCCACAAAAATGGAATCCCACAGAATATGGAGTGCCACACACTCAGGACTATGCCG
GCCAGACCAGTGAACATAACCTGACCCTCAGGGGAGTACGCAGCCTCATGGAGAACAGAGTAGCAATTC
ACCCAGCAACCAGAATGGATCTCTACGCAGACAGAAGGTGGAGCACAGACAGACGGACAACAGTCACAG
ACACAAAGTAGTAAAAATTCAGAGAGTAAATCTACGCCAAGCGACTACATGTCTCTAATATCCCTTCC
GCTTCCGAGACCCTGACCTCCGGCAGATGTTTGGGCAGTTTGGCAAAATCCTAGATGTGGAATAATCTT
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CCAACAAGAAGATGGTCACGCCATATGCAATGGCTGGAAGTTAAGCCCAGTAGTTGGAGCTGTGTATGG
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TTTTTGTTTTTTAAAAGTGTGGTAAAAAAAAAAAAAAAA

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Restriction Sites:	RsrII-NotI
ACCN:	NM_175387
Insert Size:	1308 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:	BC027263 , AAH27263
RefSeq Size:	1721 bp
RefSeq ORF:	1308 bp
Locus ID:	93686
UniProt ID:	Q8BP71
Cytogenetics:	15 D3
Gene Summary:	<p>RNA-binding protein that regulates alternative splicing events by binding to 5'-UGCAUGU-3' elements. Prevents binding of U2AF2 to the 3'-splice site. Regulates alternative splicing of tissue-specific exons and of differentially spliced exons during erythropoiesis. Seems to act as a coregulatory factor of ER-alpha (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate splice site in the central coding region, and lacks an exon in the 3' coding region, which results in a translational frameshift, compared to variant 1. The encoded isoform (2) is shorter and has a distinct C-terminus, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>