

Product datasheet for **SC126954**

RBFOX2 (AK091695) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RBFOX2 (AK091695) Human Untagged Clone
Tag:	Tag Free
Symbol:	RBFOX2
Synonyms:	dj106l20.3; Fox-2; FOX2; fxh; HNRBP2; HRNBP2; RBM9; RTA
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AK091695, the custom clone sequence may differ by one or more nucleotides

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ATAGCCCTGCTGTAACCTTACACTAGCAAACAATTTCTAACTAATGGAACCATCTCTAGTTATAATGAA
AAATTACTAGGGTTCATTTTAGTGTTAAAATTCCTCACTGTAATTAACATTTGCTTTGTTTAAACAAATGCT
TAAAAAAAAAAAAAGGTAAGAAATACTTTAGTTAGTTTAAATTATGTTGGCCAGGATTTACAGCTTTG
CCCAGATCCTGGCTAGAATTCGAAGGAACCATGTTGATCAGAAACGGCCCCAAGGGTGCTTCTGCCAT
GTTCCCATTCATTACCATTTTATTGTCAGTGTTTGGTAATTAATTAGAGTCTTCATATATCTCTGGAA
GAATTCGTAATTAAGAAGGAAATGTTTACTTTCTAAGTCACTCATTTGAAAAACAAGGAGGAATAATGT
ATAACCACTGAAAGCCAGTCAGGGATTTTTTAAAGTACATTTGAACTACCCTGACTTCAAGCAGCATAA
ACTTGAAGAGCAGGAATAAATTTCCCTCACAATGCAGTTTCTTCATTTAGAGAAAGCATAAATTATATAA
GGAAGAAGCAAAAGGCTTTAGAAGCTCATAAGAAATTATAGGTATTTCTAAAATAAGGGGTAACAAATAA
AAGAAGCAAGCTAGGACTTGCCATGCAAGATGGTTAAGAAGAACAGGGGTCCTTAGAAAATAGTTGTT
CTCAATCCAAGAAATGATACAGAAGTAAATTTGAAATTTCTTTGTAGATTTAGAAAAATCGAACATTT
GAAAAATAGGAAGTAGAAAGCAGAGGGCAGAAACCTTCAGATATCCATGAGAAATGAGCACATTTTATC
CACAGAAATAAAATGTTTATGCTATTGTTCACTACTGAAATGATGTTTCAGTTGGGCCAGTTGAACATAGT
TGTTTTGATAGTGAAAGGCCAATAATAAAATTTGCACTCTGAATTACGTTTAGGTAATAATAGATGAATT
CTATTTTATAAATAATAAAAGTAGAGTTTGCCACTTTTAAAAATATCCTGTCTCATGTGGCAAGCATT
GTTGTTGTGATTGCTCTTGAATGCTTTCTGAAAGAGTGCATGATTCACCCTGATAGTGAACCTTTT
GTATATTTGAGTTATCTAACTGAGTTGAAATAGAAGGATGTGATGGTTTGAATTTCTTAGGACTGAGA
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TTTAGGGAAGGAAAATGCAGTTAAGTGCTAGAAGCAGGGTTCCTGATCTATTTGAATCCAGCCAAGAAT
CCTCAGAAATTTGTAATTGATTTGCTCAAGTATGAAATGTAGATCTGAGTTGGCAAACCTTTCCGTAAGG
GCCAAGTGGTAAATATTTTTGGCTTTGTAGGACATTGGTCTCTGTGACAAGTACTTTCAAAAACAGGTGG
CAAGCTGCATTGGCTCACAGGCCAGAGTTTGCTGACCCCTGATCTACATTGTTTTCTTCTAAATATTG
CCTGATTATCTTAGCTTCTGGCAAACATGCTAGGCCGGATGGAGCAGAGGTTTCTGTTACATGCTGTAG
TCTCTTATTAATGAATCAATCCAAGAACACGTTAGAGAATCTGAAGTCAACACATACAGATTTTATATAT
TTAACTTTATAATTTATATTTCTTGTGAGAGTCTCCCAACTTGCTGTAATATTTTCGCTTTTGAAG
TTCCAACAAGACTGTGAAGTAAGACAGATTCAAATCATATCTTCATTCCTGTATTTAACAGGTAATA
CCAACTTTACTTTTAACTATCACAAATGGAAAGCAAATCCTTGATATCGTAGGGCTAATTTTTT
ATTGGAGGAATAATAACATGCAGACTGATGCAGTTTGAACATTTTCTTCCCATGTGTGTCTATGTTT
GTGTCAGTCCCTGTGCTACATGTGTGTACGTCTGTGTGTGGCGGGTGTGTGTTTTCTGTACACCTGG
GGGAGAGGATCTGTAAAGTCAGTTCTCTTCTCTCTGTAGGGTGGATATGCAGCCTACAGATATGCAC
AGCCTGCTACTGCAACCGCAGCCACCGCTGCTGCAGCCGCTGCAGCCGCTTACAGTGACGGTTATGGCAG
GGTGTACACAGCCGACCCCTACCATGCCCTTGGCCCTGCCGCTAGCTATGGAGTTGGCGCTGTGGCGAGT
TTATACCGAGGTGGCTACAGCCGATTTGCCCTACTGAAGTGACGTGAGACCCCTGCAATGGGACAGC
CCCCAGTTCATGAGCCCTGGCTATTGCAATATTTACTAGTAGAGGAACCTATAGCAAGATGAAGAGGA
AAAAACAACAACAAC
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Gene Summary:

This gene is one of several human genes similar to the *C. elegans* gene Fox-1. This gene encodes an RNA binding protein that is thought to be a key regulator of alternative exon splicing in the nervous system and other cell types. The protein binds to a conserved UGCAUG element found downstream of many alternatively spliced exons and promotes inclusion of the alternative exon in mature transcripts. The protein also interacts with the estrogen receptor 1 transcription factor and regulates estrogen receptor 1 transcriptional activity. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]