

Recombinant Human RBFOX2 protein, MYC/DDK-tagged

Cat. No. RBFOX2-589H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RBFOX2, transcript variant 1, fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	<p>This gene is one of several human genes similar to the <i>C. elegans</i> 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.</p>
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	40.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	RBFOX2 RNA binding protein, fox-1 homolog (C. elegans) 2 [Homo sapiens]
Official Symbol	RBFOX2
Synonyms	RBFOX2; RNA binding protein, fox-1 homolog (C. elegans) 2; RBM9, RNA binding motif protein 9; RNA binding protein fox-1 homolog 2; FOX 2; hexaribonucleotide binding protein 2; HNRBP2; HRNBP2; fox-1 homolog B; fox-1 homologue; RNA-binding motif protein 9; hexaribonucleotide-binding protein 2; repressor of tamoxifen transcriptional activity; RTA; fxh; FOX2; RBM9; Fox-2; dJ106I20.3;
Gene ID	23543
mRNA Refseq	NM_001031695
Protein Refseq	NP_001026865
MIM	612149
UniProt ID	O43251
Chromosome Location	22q12-q13
Function	RNA binding; nucleotide binding; protein binding; transcription corepressor activity; transcription factor binding;

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