

Recombinant Human RBFOX2 protein, His-tagged

Cat. No. RBFOX2-211H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RBFOX2(aa 1-380) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-380 a.a.
Description	RBFOX2 / RBM9 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.
Form	20 mM Tris, pH 8.0, 500 mM NaCl, 50% glycerol
Molecular Mass	44.4 kD
AA Sequence	MEKKKMVTQG NQEPTTTPDA MVQPFTTIPF PPPPQNGIPTEYGVPHQTQDY AGQTGEHNLT LYGSTQAHGE QSSNSPSTQNGSLTTEGGAQ TDGQQSQTS SENSESKSTP KRLHVSNIPIFRFRDPDLRQM FGQFGKILDV EIIFNERGSK GFGFVTFENSADADRAREKL HGTVVEGRKI EVNNATARVM TNKKMVTPYANGWKLSPVVG AVYGPELYAA SSFQADVSLG NDAAVPLSGRGGINTYIPLI SLPLVPGFPY PTAATTAAAF RGAHLRGRGRTVYGAVRAVP PTAIPAYPGV VYQDGFYDAD

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LYGGYAAAYRYAQPATATAAT AAAAAAAYS DGYGRVYTAD
PYHALAPAASYGVGAVASLY RGGYSRFAPY

Storage Long term: -80 centigrade; Short term: -20 centigrade. Avoid freeze-thaw cycles.

GENE INFORMATION

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_014309

Protein Refseq NP_055124

MIM 612149

UniProt ID O43251

Chromosome Location 22q12-q13

Function RNA binding; nucleotide binding; protein binding; transcription corepressor activity;

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transcription factor binding;

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