Recombinant Human RBFOX2 protein, GST-tagged

Cat. No. RBFOX2-210H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RBFOX2(1 a.a. - 100 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-100 a.a.
Description	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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	36.63 kDa
AA Sequence	MEKKKMVTQGNQEPTTTPDAMVQPFTTIPFPPPPQNGIPTEYGVPHTQDYAGQTGE HNLTLYGSTQAHGEQSSNS PSTQNGSLTTEGGAQTDGQQSQTQS

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Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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

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

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