

Recombinant Human RBFOX2 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. RBFOX2-243H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RBM9 MS Standard C13 and N15-labeled recombinant protein (NP_001026865) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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. [provided by RefSeq, Jul 2008]
Molecular Mass	40.4 kDa
AA Sequence	MEKKKMVTQGNQEPTTTPDAMVQPFTTIPFPPPPQNGIPTTEYGVPHQTQDYAGQTGE HNLTYLGSTQAHGEQSSNSPSTQNGSLTTEGGAQTDGQQSQTSSENSESKSTPK RLHVSNIPIFRFRDPDLRQMFGQFGKILDVEIIFNERGSKGFGFVTFENSADADRARE KLHGTVVEGRKIEVNNATARVMTNKKMVTPTYANGWKLSPVVGAVYGPELYAASSFQ ADVSLGNDAAVPLSGRGGINTYIPLISLPLVPGFPYPTAATTAAAFRGAHLRGRGRTV

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YGAVRAVPPTAIPAYPGVVYQDGFYGDLYGGYAAARYAQPATATAATAAAAAAAAA
YSDGYGRVYTADPYHALAPAAASYGVGAVASLYRGGYSRFAPYTRTRPLEQKLISEE
DLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name RBFOX2 RNA binding protein, fox-1 homolog (C. elegans) 2 [Homo sapiens (human)]

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

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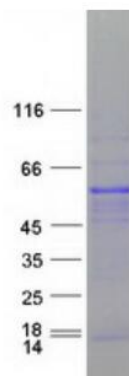


Protein Refseq NP_001026865

MIM 612149

UniProt ID O43251

SDS-PAGE



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