

Full-Length

## RBM9 (Human) Recombinant Protein (P01)

Catalog # H00023543-P01

Size 50 ug

### Specification

|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Human RBM9 full-length ORF (BAB70875.1, 1 a.a. - 450 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Sequence</b>                      | MAEGAQPQQPPQLGPGAAAARGMKRESELELPVPGAGGDGADPGLSKRPRTEEAAADGGGGM<br>QNEPLTPGYHGFPARDSQGNQEPTTTPDAMVQPFPTIPFPPPPQNGIPTEYGVPHQTQDYAGQTGE<br>HNLTLYGSTQAHGEQSSNSPSTQNGSLTTEGGAQTDGQQSQTQSSENSESKSTPKRLHVSNIPIF<br>RFRDPDLRQMFQQFGKILDVEIIFNERGSKGFGFVTFENSADADRAREKLHGTVEGRKIEVNNAT<br>ARVMTNKKMVTPYANGWKLSPVVGAVYGPELYAAFSFQADVSLGNDAAVPLSGRGGINTYIPLISL<br>PLVPGFPYPTAATTAAAFRGAHLRGRGRTVYGAVRAVPPTAIPAYPGVVYQDGFYGADLYGGYAA<br>CRYAQPATATAATAAAAAAAYGDGYGRVYTADPYHALAPAASYGVGAVASLYRGGYSRFAPY |
| <b>Host</b>                          | Wheat Germ (in vitro)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Theoretical MW (kDa)</b>          | 73.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Interspecies Antigen Sequence</b> | Mouse (98); Rat (98)                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Preparation Method</b>            | <a href="#">in vitro wheat germ expression system</a>                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Purification</b>                  | Glutathione Sepharose 4 Fast Flow                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Storage Buffer</b>                | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Storage Instruction</b>           | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Note</b>                          | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                                                                                                                                                                                                                      |

### Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)

- Antibody Production
- Protein Array

## Gene Info — RBM9

Entrez GeneID [23543](#)

GeneBank Accession# [AK055213.1](#)

Protein Accession# [BAB70875.1](#)

Gene Name RBM9

Gene Alias FOX2, Fox-2, HNRBP2, HRNBP2, RTA, dJ106I20.3, fxh

Gene Description RNA binding motif protein 9

Gene Ontology [Hyperlink](#)

**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]

**Other Designations** OTTHUMP00000028771|fox-1 homologue|hexaribonucleotide binding protein 2|repressor of tamoxifen transcriptional activity