

Product datasheet for **TP306846M**

RBFOX2 (NM_001031695) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Homo sapiens RNA binding motif protein 9 (RBM9), transcript variant 1, 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC206846 protein sequence
Red=Cloning site **Green**=Tags(s)

MEKKKMVTQGNQEPTTTPDAMVQPFTTIPFPPPPQNGIPTEYGVPHQTQDYAGQTGEHNLTYGSTQAHGE
QSSNSPSTQNGSLTTEGGAQTDGQQSQTQSSENSESKSTPKRLHVSNIPIFRFRDPLRQMFGQFGKILDV
EIIENERGSKGFGFVTFENSADADRAREKLHGTVEGRKIEVNNATARVMTNKKMVTYPYANGWKLSPVVG
AVYGPELYAASSFQADVSLGNDAAVPLSGRGGINTYIPLISLPLVPGFPYPTAATTAFAFRGAHLRGRGR
TVYGAVRAVPPTAIPAYPGVVYQDGFYGDLYGGYAAARYAQPATATAATAAAAAAAAAAAYSDGYGRVYTAD
PYHALAPAASYGVGAVASLYRGGYSRFAPY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 40.2 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

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

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_001026865](#)



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Locus ID: 23543

UniProt ID: [O43251](#)

RefSeq Size: 6997

Cytogenetics: 22q12.3

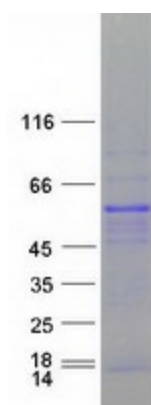
RefSeq ORF: 1140

Synonyms: dJ106l20.3; Fox-2; FOX2; fxx; HNRBP2; HRNBP2; RBM9; RTA

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, Jul 2008]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified RBFOX2 protein (Cat# [TP306846]). The protein was produced from HEK293T cells transfected with RBFOX2 cDNA clone (Cat# [RC206846]) using MegaTran 2.0 (Cat# [TT210002]).