

Product datasheet for TP309770

Y14 (RBM8A) (NM_005105) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human RNA binding motif protein 8A (RBM8A), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC209770 representing NM_005105
Clone or AA Sequence:	Red=Cloning site Green=Tags(s) MADVLDLHEAGGEDFAMDEEDGDESIIHKLKEKAKKRKGRGFGSEEGSRARMREDYDSVEQDGDDEPGPQRSV EGWILFVTGVHEEATEEDIHDKFAEYGEIKNIHLNLD RRTGYLKG YTLVEYETYKEAQAAMEGLNGQDLM GQPISVDWCFVRGPPK GKRRGRRRSRSPDRRRR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	19.7 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_005096
Locus ID:	9939
UniProt ID:	Q9Y5S9 , A0A023T787
RefSeq Size:	2787



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Cytogenetics: 1q21.1

RefSeq ORF: 522

Synonyms: BOV-1A; BOV-1B; BOV-1C; C1DELq21.1; DEL1q21.1; MDS014; RBM8; RBM8B; TAR; Y14; ZNRP; ZRNP1

Summary: This gene encodes a protein with a conserved RNA-binding motif. The protein is found predominantly in the nucleus, although it is also present in the cytoplasm. It is preferentially associated with mRNAs produced by splicing, including both nuclear mRNAs and newly exported cytoplasmic mRNAs. It is thought that the protein remains associated with spliced mRNAs as a tag to indicate where introns had been present, thus coupling pre- and post-mRNA splicing events. Previously, it was thought that two genes encode this protein, RBM8A and RBM8B; it is now thought that the RBM8B locus is a pseudogene. There are two alternate translation start codons with this gene, which result in two forms of the protein. An allele mutation and a low-frequency noncoding single-nucleotide polymorphism (SNP) in this gene cause thrombocytopenia-absent radius (TAR) syndrome. [provided by RefSeq, Jul 2013]

Protein Families: Druggable Genome

Protein Pathways: Spliceosome

Product images:



Coomassie blue staining of purified RBM8A protein (Cat# TP309770). The protein was produced from HEK293T cells transfected with RBM8A cDNA clone (Cat# [RC209770]) using MegaTran 2.0 (Cat# [TT210002]).