

Recombinant Human RBM14, His-tagged

Cat. No. RBM14-31045TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-669 of Human RBM14 with N terminal His tag, 93kDa.
Species	Human
Source	E.coli
ProteinLength	1-669 a.a.
Description	This gene encodes a ribonucleoprotein that functions as a general nuclear coactivator, and an RNA splicing modulator. This protein contains two RNA recognition motifs (RRM) at the N-terminus, and multiple hexapeptide repeat domain at the C-terminus that interacts with thyroid hormone receptor-binding protein (TRBP), and is required for transcription activation. Alternatively spliced transcript variants encoding different isoforms (with opposing effects on transcription) have been described for this gene.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 159 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids

MKIFVGNVDGADTTPEELAALFAPYGTVMSCAVMKQFAFV HMRENAGALRAIEALH
 GHELPGRALVVEMSRPRPLNT WKIFVGNVSAACTSQELRSLFERRGRVIECDVVK
 DYAF VHMEKEADAKAAIAQLNGKEVKGKRINVELSTKGQKKGPG LAVQSGDKTKK
 PGAGDTAFPGTGGFSATFDYQQAFGNS TGGFDGQARQPTPPFFGRDRSPLRRSP
 PRASYVAPLTA QPATYRAQPSVSLGAAYRAQPSASLGVGYRTQPMTAQAAS YRA
 QPSVSLGAPYRGQLASPSSQSAAASSLGPYGAQP SASALSSYGGQAAAASSLNS
 YGAQGSSLASYGNQPSSY GAQAASSYGVRAAASSYNTQGAASSLGSYGAQAASY
 GAQS AASSLAYGAQAASYNAPSAQSYNAQSAQAPYAAQQAASYS SQPAAYVAQPAT
 AAAYASQPAAYAAQATTPMAGSYGAQ PVVQTQLNSYGAQASMGLSGSYGAQSAA
 AATGSYGAAAAY GAQPSATLAAPYRTQSSASLAASYAAQHPQAAASYRG QPGN
 AYDGAGQPSAAYLSMSQGAVANANSTPPPYERTR LSPPRASYDDPYKKAVAMSKR
 YGSDRRLAELSDYRRLSES QLSFRRSPTKSSLDYRRLPDAHSDYARYSGSYNDYL
 RA AQMHSGYQRRM

Full Length

Full L.

GENE INFORMATION
Gene Name

RBM14 RNA binding motif protein 14 [Homo sapiens]

Official Symbol

RBM14

Synonyms

RBM14; RNA binding motif protein 14; RNA-binding protein 14; COAA; coactivator activator; DKFZp779J0927; SIP; SYT interacting protein; SYTIP1;

Gene ID

10432

mRNA Refseq

NM_001198836

Protein Refseq

NP_001185765

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MIM	612409
Uniprot ID	Q96PK6
Chromosome Location	11q13.2
Function	RNA binding; RNA polymerase II transcription cofactor activity; ligand-dependent nuclear receptor transcription coactivator activity; nucleic acid binding; nucleotide binding;

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