

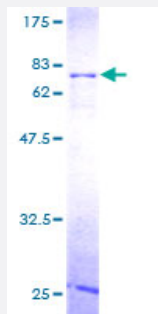
Full-Length

RBMS1 (Human) Recombinant Protein (P01)

Catalog # H00005937-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human RBMS1 full-length ORF (AAH12993, 1 a.a. - 403 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGKVWKQQMYPQYATYYYPQYLQAKQSLVPAHPMAPPSPSTTSSNNNSSSSSSNSGWDQLSKTN
LYIRGLPPHTTDQDLVKLCQPYGKIVSTKAILDKTTNKCKGYGFVDFDSPAQAQKAVSALKASGVQ
AQMAKQQEQDPTNLYISNPLSMDEQELENMLKPFQGVISTRILRDSSGTSRGVGFARMESTEKC
EAVIGHFNGKFIKTPPGVSAPTEPLLCKFADGGQKKRQNPKNYPNGRPWHREGEAGMTLYDPT
TAAIQNGFYSPYSIATNRMITQTSITPYIASPVSAAYQVQSPSWMQPQPYLQHPGAVLTSPMEHTMS
LQPASMISPLAQQMSHLSLGSTGYMPATSAMQGAYLPQYAHMQTTAVPVEEASGQQQVAVETS
NDHSPYTFQPNK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

70.07

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

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 — RBMS1

Entrez GeneID [5937](#)

GeneBank Accession# [BC012993](#)

Protein Accession# [AAH12993](#)

Gene Name RBMS1

Gene Alias MGC15146, MGC3331, MSSP, MSSP-1, MSSP-2, MSSP-3, SCR2, YC1

Gene Description RNA binding motif, single stranded interacting protein 1

Omim ID [602310](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of a small family of proteins which bind single stranded DNA/RNA. These proteins are characterized by the presence of two sets of ribonucleoprotein consensus sequence (RNP-CS) that contain conserved motifs, RNP1 and RNP2, originally described in RNA binding proteins, and required for DNA binding. These proteins have been implicated in such diverse functions as DNA replication, gene transcription, cell cycle progression and apoptosis. Several transcript variants, resulting from alternative splicing and encoding different isoforms, have been described. A pseudogene for this locus is found on chromosome 12. [provided by RefSeq]

Other Designations c-myc gene single strand binding protein 2|suppressor of cdc 2 (cdc13) with RNA binding motif 2

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Insulin Resistance](#)
- [Tobacco Use Disorder](#)