

## Recombinant Human RBMS1 protein, GST-tagged

**Cat. No.** RBMS1-6754H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| <b>Product Overview</b> | Recombinant Human RBMS1 protein(1-406 aa), fused with N-terminal GST tag, was expressed in E.coli.                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 1-406 aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).                                                                                      |
| <b>AASequence</b>       | <p>MGKVKQMQMYPQYATYYYPQYLQAKQSLVPAHPMAPPSPSTTSSNNNSSSSNS</p> <p>GWDQLSKTNLYIRGLPPHTTDQDLVKLCQPYGKIVSTKAILDKTTNKCKGYGFVDFD</p> <p>SPAAAQKAVSALKASGVQAQMAKQQEQDPTNLYISNLPLSMDEQELENMLKPFQ</p> <p>VISTRILRDSSGTSRGVGFARMESTEKCEAVIGHFNGKFIKTPPGVSAPTEPLLCKFA</p> <p>DGGQKKRQNPKNKYIPNGRPWHREGEVRLAGMTLTYPDTTAAIQNGFYPSYSIATN</p> <p>RMITQTSITPYIASPVSAQVQSPSWMQPQPYILQHPGAVLTSPMEHTMSLQPASMI</p> <p>SPLAQQMSHLSLGSTGYMPATSAMQGAYLPQYAHMQTTAVPVEEASGQQQVAV</p> <p>ETSNDHSPYTFQPNK</p> |

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|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>         | 80%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                |
| <b>Storage</b>        | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.                                   |
| <b>Reconstitution</b> | Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | RBMS1 RNA binding motif, single stranded interacting protein 1 [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Official Symbol</b> | RBMS1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Synonyms</b>        | RBMS1; RNA binding motif, single stranded interacting protein 1; C2orf12, chromosome 2 open reading frame 12; RNA-binding motif, single-stranded-interacting protein 1; c myc gene single strand binding protein 2; DKFZp564H0764; HCC 4; MSSP 1; MSSP 2; MSSP 3; SCR2; suppressor of cdc 2 (cdc13) with RNA binding motif 2; YC1; cervical cancer oncogene 4; c-myc gene single strand binding protein 2; single-stranded DNA-binding protein MSSP-1; suppressor of CDC2 with RNA-binding motif 2; MSSP; HCC-4; MSSP-1; MSSP-2; MSSP-3; C2orf12; MGC3331; MGC15146; MGC70597; MGC97258; MGC97270; MGC97282; MGC99543; |
| <b>Gene ID</b>         | 5937                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>mRNA Refseq</b>     | NM_002897                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Protein Refseq</b>  | NP_002888                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

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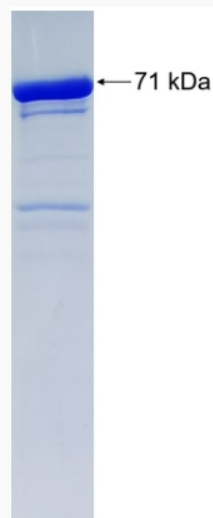
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SDS-PAGE



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