

Recombinant Human RBMS1 protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human RBMS1 protein(1-406 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-406 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 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).
AASequence	MGKVKQMQMYPQYATYYYPQYLQAKQSLVPAHPMAPPSPSTTSSNNNSSSSNS GWDQLSKTNLYIRGLPPHTTDQDLVKLCQPYGKIVSTKAILDKTTNKCKGYGFVDFD SPAAAQKAVSALKASGVQAQMAKQQEQDPTNLYISNLPLSMDEQELENMLKPFQ VISTRILRDSSGTSRGVGFARMESTEKCEAVIGHFNGKFIKTPPGVSAPTEPLLCKFA DGGQKKRQNPKNKYIPNGRPWHREGEVRLAGMTLTYPDTTAAIQNGFYPSYSIATN RMITQTSITPYIASPVSAQVQSPSWMQPQPYILQHPGAVLTSPMEHTMSLQPASMI SPLAQQMSHLSLGSTGYMPATSAMQGAYLPQYAHMQTTAVPVEEASGQQQVAV ETSNDHSPYTFQPNK

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Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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.
Reconstitution	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	
Gene Name	RBMS1 RNA binding motif, single stranded interacting protein 1 [Homo sapiens]
Official Symbol	RBMS1
Synonyms	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;
Gene ID	5937
mRNA Refseq	NM_002897
Protein Refseq	NP_002888

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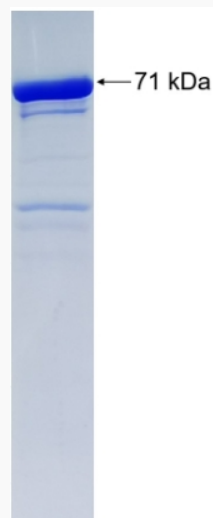
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MIM 602310

UniProt ID P29558

SDS-PAGE



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