



# Recombinant Human RNA-binding motif, single-stranded-interacting protein 1 (RBMS1)

<b>Product Code</b>	CSB-EP019440HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P29558
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MGKVVWQQMY PQYATYYYPQ YLQAKQSLVP AHPMAPPSPS TTSSNNNSSS SSNSGWDQLS KTNLYIRGLP PHTTDQDLVK LCQPYGKIVS TKAILDKTTN KCKGYGFVDF DSPAAAQKAV SALKASGVQA QMAKQQEQDP TNLYISNLPL SMDEQELENM LKPFQGQVIST RILRDSSGTS RGVGFARMES TEKCEAVIGH FNGKFIKTPP GVSAPTEPLL CKFADGGQKK RQNPNKYIPN GRPWHREGEV RLAGMTLTYD PTTAAIQNGF YPSPYSIATN RMITQTSITP YIASPV SAYQ VQSPSWMQPQ PYILQH PGAV LTPSMEHTMS LQPASMISPL AQQMSHLSLG STGTYMPATS AMQGAYLPQY AHMQTTAVPV EEASGQQQVA VETSNDHSPY TFQPNK
<b>Source</b>	E.coli
<b>Target Names</b>	RBMS1
<b>Protein Names</b>	Recommended name: RNA-binding motif, single-stranded-interacting protein 1 Alternative name(s): Single-stranded DNA-binding protein MSSP-1 Suppressor of CDC2 with RNA-binding motif 2
<b>Expression Region</b>	1-406
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.