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

Product Code	CSB-YP019440HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P29558
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MGKVWKQQMY PQYATYYYPQ YLQAKQSLVP AHPMAPPSPS TTSSNNNSSS SSNSGWDQLS KTNLYIRGLP PHTTDQDLVK LCQPYGKIVS TKAILDKTTN KCKGYGFVDF DSPAAAQKAV SALKASGVQA QMAKQQEQDP TNLYISNLPL SMDEQELENM LKPFGQVIST RILRDSSGTS RGVGFARMES TEKCEAVIGH FNGKFIKTPP GVSAPTEPLL CKFADGGQKK RQNPNKYIPN GRPWHREGEV RLAGMTLTYD PTTAAIQNGF YPSPYSIATN RMITQTSITP YIASPVSAYQ VQSPSWMQPQ PYILQHPGAV LTPSMEHTMS LQPASMISPL AQQMSHLSLG STGTYMPATS AMQGAYLPQY AHMQTTAVPV EEASGQQQVA VETSNDHSPY TFQPNK
Source	Yeast
Target Names	RBMS1
Protein Names	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
Expression Region	1-406
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
Reconstitution	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.
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.