Recombinant Rat RNA-binding motif, single-stranded-interacting protein 1 (Rbms1)

Product Code	CSB-MP728791RA
Abbreviation	Rbms1
Storage	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.
Uniprot No.	Q5PQP1
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	MGKVWKQQMY PQYATYYYPQ YLQAKQSLVP AHPMAPPSPS TTSSNNNSSS SSNSGWDQLS KTNLYIRGLP PNTTDQDLVK LCQPYGKIVS TKAILDKATN KCKGYGFVDF DSPAAAQKAV SALKASGVQA QMAKQQEQDP TNLYISNLPL SMDEQELENM LKPFGQVIST RVLRDSSGTS RGVGFARMES TEKCEAVIGH FNGKFIKTPP GVSAPTEPLL CKFADGGQKK RQNPNKYIPN GRPWPREGEA GMTLTYDPTT AALHNGFYPS PYSIATNRMI TQTSLTPYIA SPVSAYQVQS PSWMQPQPYI LQHPGAVLTP SMEHTMSLQP ASMISPLAQQ MSHLSLGSTG TYMPATSAMQ GAYLPQYTHM QTATVPVEEA SGQQQVTVET SNDHSPYTFP PNK
Source	Mammalian cell
Target Names	Rbms1
Protein Names	Recommended name: RNA-binding motif, single-stranded-interacting protein 1
Expression Region	1-403
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.