



Recombinant Human RNA-binding motif, single-stranded-interacting protein 3 (RBMS3)

Product Code	CSB-EP761548HU-B
Abbreviation	RBMS3
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.	Q6XE24
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MGKRLDQPQM YPQYTYYYPH YLQTKQSYAP APHPMAPPSP STNSSSNSS NNSSGEQLSK TNLYIRGLPP GTTDQDLIKL CQPYGKIVST KAILDKNTNQ CKGYGFVDFD SPAAAQKAVA SLKANGVQAQ MAKQQEQDPT NLYISNLPIS MDEQELENML KPFGHVISTR ILRDANGVSR GVGFARMEST EKCEVVIQHF NGKYLKTPPG IPAPSEPLLK KFADGGQKKR QNQSKYTQNG RPWPREGAEG MALTYPDPTAA IQNGFYSSPY SIATNRMIPQ TSITPFIAAS PVSTYQVQST SWMPHPPYVM QPTGAVITPT MDHPMSMQPA NMMGPLTQQM NHLSLGTTGT IQSQDRIMIL HQLLCQYMTA AAPMQGTYIP QYTPVPPTAV SIEGVVADTS PQTVPASSQD TSGQQQQIAV DTSNEHAPAY SYQQSKP
Source	E.coli
Target Names	RBMS3
Protein Names	Recommended name: RNA-binding motif, single-stranded-interacting protein 3
Expression Region	1-437
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 protein is 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. The encoded protein was isolated by virtue of its binding to an upstream element of the alpha2(I) collagen promoter. The observation that this protein localizes mostly in the cytoplasm suggests that it may be involved in a



cytoplasmic function such as controlling RNA metabolism, rather than transcription. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.

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.