



# Recombinant Human RNA-binding motif, single-stranded-interacting protein 2 (RBMS2)

<b>Product Code</b>	CSB-EP613593HU
<b>Abbreviation</b>	RBMS2
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q15434
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MLLSVTSRPG ISTFGYNRNN KKPYPVSLAQQ MAPPSPSNST PNSSSGSNGN DQLSKTNLYI RGLQPGTTDQ DLVKLCQPYG KIVSTKAILD KTTNKCKGYG FVDFDSPSAA QKAVTALKAS GVQAQMAKQQ EQDPTNLYIS NLPLSMDEQE LEGMLKPFQV VISTRILRDT SGTSRQVGF A RMESTEKCEA IITHFNGKYI KTPPGVPAPS DPLLCKFADG GPKKRQNGK FVQNGRAWPR NADMGVMALT YDPTTALQNG FYPAPYNITP NRMLAQSALS PYLSSPVSSY QRVTQTSPLQ VPNPSWMHHH SYLMQPSGSV LTPGMDHPIS LQPASMMGPL TQQLGHL SLS STGTYMPTAA AMQGAYISQY TPVPSSSVSV EESSGQQNQV AVDAPSEHGV YSFQFNK
<b>Source</b>	E.coli
<b>Target Names</b>	RBMS2
<b>Protein Names</b>	Recommended name: RNA-binding motif, single-stranded-interacting protein 2 Alternative name(s): Suppressor of CDC2 with RNA-binding motif 3
<b>Expression Region</b>	1-407
<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 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. The RBMS proteins have been implicated in such diverse functions as DNA replication, gene transcription, cell cycle progression and apoptosis. This protein was isolated by phenotypic complementation of cdc2 and cdc13 mutants of yeast and is thought to suppress cdc2 and cdc13 mutants through the induction of translation of cdc2.



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**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.

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