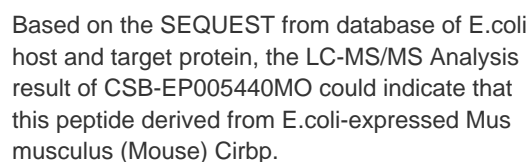
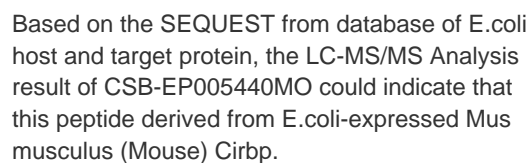
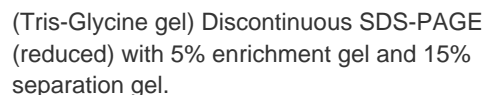




Recombinant Mouse Cold-inducible RNA-binding protein (Cirbp)

Product Code	CSB-EP005440MO
Relevance	Cold-inducible mRNA binding protein that plays a protective role in the genotoxic stress response by stabilizing transcripts of genes involved in cell survival. Promotes assembly of stress granules (SGs), when overexpressed. Seems to play an essential role in cold-induced suppression of cell proliferation. Acts as a translational repressor. Acts as a translational activator. Binds specifically to the 3'-untranslated regions (3'-UTRs) of stress-responsive transcripts RPA2 and TXN.
Abbreviation	Recombinant Mouse Cirbp protein
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.	P60824
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MASDEGKLFVGGLSFDTNEQALEQVFSKYGQISEVVVKDRETQSRSGFGFV TFENIDDAKDAMMAMNGKSVDGRQIRVDQAGKSSDNRSGYRGGSAGGRG FFRGGRSRGRGFSRGGGDRGYGGGRFESRSGGYGGSRDYYASRSQGGSY GYRSSGGSYRDSYDSYATHNE
Research Area	Cell Biology
Source	E.coli
Target Names	Cirbp
Protein Names	A18 hnRNP Glycine-rich RNA-binding protein CIRP Cirp
Expression Region	1-172aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	22.6 kDa
Protein Length	Full Length
Image	



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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