



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

<b>Product Code</b>	CSB-EP005440MO
<b>Relevance</b>	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.
<b>Abbreviation</b>	Recombinant Mouse Cirbp protein
<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>	P60824
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	MASDEGKLFVGGLSFDTNEQALEQVFSKYGQISEVVVKDRETQRSRGFGFV TFENIDDAKDAMMAMNGKSVDGRQIRVDQAGKSSDNRSRGYRGGGSAAGGRG FFRGGRSRGRGFSRGGGDRGYGGGRFESRSGGYGGSRDYYASRSQGGSY GYRSSGGSYRDSYDSYATHNE
<b>Research Area</b>	Cell Biology
<b>Source</b>	E.coli
<b>Target Names</b>	Cirbp
<b>Protein Names</b>	A18 hnRNP Glycine-rich RNA-binding protein CIRP Cirp
<b>Expression Region</b>	1-172aa
<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>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	22.6 kDa
<b>Protein Length</b>	Full Length
<b>Image</b>	

