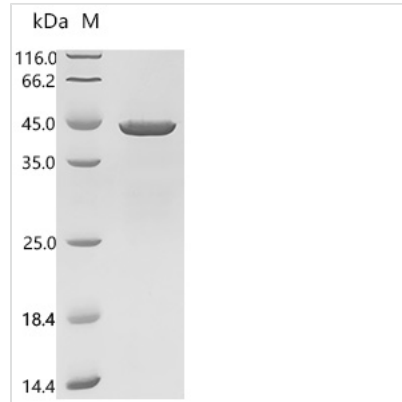




Recombinant Human Cold-inducible RNA-binding protein (CIRBP)

Product Code	CSB-EP613483HUe0
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. Acts as a translational activator. Seems to play an essential role in cold-induced suppression of cell proliferation. Binds specifically to the 3'-untranslated regions (3'-UTRs) of stress-responsive transcripts RPA2 and TXN. Acts as a translational repressor (By similarity). Promotes assembly of stress granules (SGs), when overexpressed.
Abbreviation	Recombinant Human 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.	Q14011
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	≥ 95% as determined by SDS-PAGE.
Sequence	MASDEGKLFVGGLSFDTNEQSLEQVFSKYGQISEVVVKDRETQRSRGFGFV TFENIDDAKDAMMAMNGKSVDGRQIRVDQAGKSSDNRSRGYRGGGSAAGGRG FFRGGGRGRGRGFSRGGGDRGYGGNRFESRSGGYGGSRDYSSRSQSGGY SDRSSGGSYRDSYDSYATHNE
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
Target Names	CIRBP
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 GST-tagged
Mol. Weight	50.2 kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Shelf Life

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