

CIRBP / Cold-inducible RNA-binding protein, human recombinant protein
A18HNRNP, CIRP, CIRBP
Catalog # PBV11196r**Specification**

CIRBP / Cold-inducible RNA-binding protein, human recombinant protein - Product info

Primary Accession [Q14011](#)
Calculated MW **20.5 kDa KDa**

CIRBP / Cold-inducible RNA-binding protein, human recombinant protein - Additional Info

Gene ID	1153
Gene Symbol	CIRBP
Other Names	
A18HNRNP, CIRP, CIRBP	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	N/A;
Recombinant	Yes
Target/Specificity	
CIRBP	

Application Notes

Detailed reconstitution instructions are sent along with the product

Format

Lyophilized

Storage

-20°C; Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 0.25 M Imidazole, 20% glycerol.

CIRBP / Cold-inducible RNA-binding protein, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CIRBP / Cold-inducible RNA-binding protein, human recombinant protein - Images**CIRBP / Cold-inducible RNA-binding protein, human recombinant protein - Background**

CIRBP, also known as cold-inducible RNA-binding protein, plays a protective role in the genotoxic stress response by stabilizing transcripts of genes involved in cell survival. CIRBP responds to a wide array of cellular stresses, including short wavelength ultraviolet light (UVC), at the transcriptional and post-translational level. It acts as a translational activator. CIRBP can bind the 3'untranslated region of specific transcripts to stabilize them and facilitate their transport to ribosomes for translation. CIRBP affects NF- κ B signaling as opposed to IL1B mRNA stability directly.

CIRBP / Cold-inducible RNA-binding protein, human recombinant protein - References

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Grimwood J.,et al.Nature 428:529-535(2004).
Yang C.,et al.J. Biol. Chem. 276:47277-47284(2001).