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# 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 Cytomety
- Cell Culture

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

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

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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-κB signaling as opposed to IL1B mRNA stability directly.

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

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Yang C.,et al.J. Biol. Chem. 276:47277-47284(2001).