

Cold-inducible RNA-binding protein

Catalog No: #AP78930



Package Size: #AP78930-1 50ug #AP78930-2 100ug #AP78930-3 1mg

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Description

Product Name	Cold-inducible RNA-binding protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	Internal
Other Names	A18HNRNP,CIRP,A18 hnRNP,Glycine-rich RNA-binding protein CIRP
Accession No.	Q14011Gene name:CIRBP
Uniprot	Q14011
GeneID	1153;
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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.

References

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Note: This product is for in vitro research use only