

**CIRBP, 1-172aa, Human, His tag, E.coli**

**Cat.NO.: TP01626**

3th Edition

**Synonyms:** Cold inducible RNA-binding protein, CIRP, A18HNRNP

**Description:** Cold inducible RNA-binding protein, also known as CIRBP, plays a protective role in the genotoxic stress response by stabilizing transcripts of genes involved in cell survival. It localizes to the nucleus and contains one RRM (RNA recognition motif) domain.

**Form:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 50% glycerol, 0.2M NaCl.

**Molecular Weight:** 20.8 kDa (192aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMASDEGKLFVGGLSFDTNEQSLEQVFSKYGQISEVVVKDRETQSRSGFGFVTF  
ENIDDAKDAMMAMNGKSV DGRQIRVDQAGKSSDNRSRGYRGGSAGGRGFFRGGRGRGRGFSRGGGDRGYGG  
NRFESRSGGYGGSRDYYSSRSQSGGYSDRSSGGSYRDSYDSYATHNE

**Purity:** > 95% by HPLC

**Concentration:** 0.5 mg/ml (determined by Bradford assay )

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.