



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 is 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:

MGSSHHHHHSSGLVPRGSHMASDEGKLFVGGLSFDTNEQSLEQVFSKYGQISEVVVKDRETQRSRGFGFVTF
ENIDDAKDAMMAMNGKSV DGRQIRVDQAGKSSDNRSRGYRGG SAGGRGFFRGGRGRGRGFSRGGGDRGYGG
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.