

32-3541: CIRBP Recombinant Protein

Alternative Name : Cold-inducible RNA-binding protein,A18 hnRNP,Glycine-rich RNA-binding protein
CIRP,CIRBP,A18HNRNP,CIRP.

Description

Source : Escherichia Coli. CIRBP produced in E.Coli is a single, non-glycosylated polypeptide chain containing 192 amino acids (1-172 a.a.) and having a molecular mass of 20.8kDa.CIRBP is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Cold inducible RNA-binding protein (CIRBP) has a protective role in the genotoxic stress response by stabilizing transcripts of genes involved in cell survival. CIRBP localizes to the nucleus and contains one RRM (RNA recognition motif) domain. Expressed ubiquitously, CIRBP is believed to play a crucial role in the suppression of cellular proliferation in response to UV irradiation or extreme cold.

Product Info

Amount : 20 µg
Purification : Greater than 95.0% as determined by SDS-PAGE.
Content : CIRBP protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 50% glycerol and 0.1M NaCl.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MASDEGKLFV GGLSFDTNEQ SLEQVFSKYG QISEVWWWKD
RETQSRGFG FVTFENIDDA KDAMMAMNGK SVDGRQIRVD QAGKSSDNRS RGYRGGSAGG
RGFFRGGRGR GRGFSRGGGD RGYGGNRFES RSGGYGGSRD YYSSRSQSGG YSDRSSGGSY
RDSYDSYATH NE.

