

Cold Inducible RNA Binding Protein Human Recombinant

Item Number	rAP-4445
Synonyms	Cold-inducible RNA-binding protein, A18 hnRNP, Glycine-rich RNA-binding protein CIRP, CIRBP, A18HNRNP, CIRP.
Description	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.
Uniprot Accession Number	Q14011
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MASDEGKLFV GGLSFDTNEQ SLEQVFSKYG QISEVVVKD RETQRS-RGFG FVTFENIDDA KDAMMAMNGK SVDGRQIRVD QAGKSSDNRS RGYRGGGAGG RGFFRGGGRGR GRGFSRGGGD RGYGGNRFES RSGGYGGSRD YYSSRSQSGG YSDRSSGGSY RDSYDSYATH NE.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	CIRBP protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 50% glycerol and 0.1M NaCl. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**