

Recombinant Monkey Crebbp Protein, His tagged

Cat. No. CREBBP-1022R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Monkey Crebbp Protein with His tag was expressed in HEK293.
Species	Monkey
Source	HEK293
Description	This gene is ubiquitously expressed and is involved in the transcriptional coactivation of many different transcription factors. First isolated as a nuclear protein that binds to cAMP-response element binding protein (CREB), this gene is now known to play critical roles in embryonic development, growth control, and homeostasis by coupling chromatin remodeling to transcription factor recognition. The protein encoded by this gene has intrinsic histone acetyltransferase activity and also acts as a scaffold to stabilize additional protein interactions with the transcription complex. This protein acetylates both histone and non-histone proteins. This protein shares regions of very high sequence similarity with protein p300 in its bromodomain, cysteine-histidine-rich regions, and histone acetyltransferase domain. Mutations in this gene cause Rubinstein-Taybi syndrome (RTS). Chromosomal translocations involving this gene have been associated with acute myeloid leukemia. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Mass	The protein has a calculated MW of 44 kDa.
AA Sequence	HHHHHHHHKFSAKRLQTTRLGNHLEDVRNKFLLRRQNHPEAGEVFVRVVASSDKTV EVKPGMKSRFVDSGEMSESPYRTKALFAFEEIDGVDVCFFGMHVQEYGSDCPPP

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

NTRRVYISYLD SIHFFRPRCLRTAVYHEILIGYLEYVKKLG YVTGHIWACPPSEGDDYI
 FHCHPPDQKIPKPKRLQE WYKKMLDKAFAERIIHDYKDIFKQATEDRLTSAKELPYFE
 GDFWPNVLEESI KELEQEEEEERKKEESTAASETTEGSQGDSKNAKKNNKKTNKNK
 SSISRANKKKPSMPNVSN DLSQKLYATMEKHKEVFFVIHLHAGPVINTLPPIVDPDPL
 LSCDLM DGRDAFLT LARDKHWEFSSLRRSKWSTLCMLVELHTQGQ

Endotoxin < 1 EU/μg by LAL

Purity > 90% by SDS-PAGE

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 0.36 mg/mL by BCA

Storage Buffer PBS, pH 7.4, 1% SKL

GENE INFORMATION

Gene Name CREBBP CREB binding protein [*Macaca mulatta*]

Official Symbol CREBBP

Synonyms CREBBP; CREB binding protein; CREB-binding protein;

Gene ID 704331

mRNA Refseq NM_001260715

Protein Refseq NP_001247644

 Tel: 1-631-559-9269 1-516-512-3133

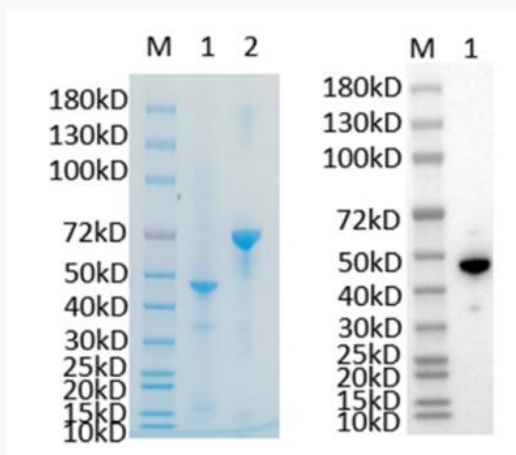
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

A0A5F7ZKK8

Reducing 12% SDS-
PAGE (CBB stained)
and WB (Anti-His
Mouse Monoclonal
Antibody) analysis
profile of purified
CREBBP.



1. CREBBP
2. BSA

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA