9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

RBBP4 Human

Retinoblastoma Binding Protein 4 Human Recombinant
RCP1824

Product Overview

Name	RBBP4 Human
Description	
Retinoblastoma Binding Protein 4 Human Recombinant	
Accession (Primary)	Q09028
Synonyms	
Histone-binding protein RBBP4, Chromatin assembly factor 1 subunit C, CAF-1 subunit C, Chromatin assembly factor I p48 subunit, CAF-I 48 kDa subunit, CAF-I p48, Nucleosome-remodeling factor subunit RBAP48, Retinoblastoma-binding protein 4, RBBP-4, Retinoblastoma-binding protein p48, RBBP4, RBAP48, NURF55.	
Introduction	
Retinoblastoma binding protein 4 (RBBP4) is a ubiquitously expressed nuclear protein which is a member of a highly conserved subfamily of WD-repeat proteins. RBBP4 is present in protein complexes involved in histone acetylation and chromatin assembly. In addition, RBBP4 is part of co-repressor complexes, which is a fundamental component of transcriptional silencing. RBBP4 is observed among several cellular proteins which bind directly to a retinoblastoma protein to regulate cell proliferation. RBBP4 also is a part of the Mi-2 complex which is implicated in chromatin remodeling and transcriptional repression connected with histone deacetylation.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
RBBP4 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 1mM EDTA.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	

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MGSSHHHHHH SSGLVPRGSH MGSH MADKEA AFDDAVEERV INEEYKIWKK NTPFLYDLVM THALEWPSLT AQWLPDVTRP EGKDFSIHRL VLGTHTSDEQ NHLVIASVQL PNDDAQFDAS HYDSEKGEFG GFGSVSGKIE IEIKINHEGE VNRARYMPQN PCIIATKTPS SDVLVFDYTK HPSKPDPSGE CNPDLRLRGH QKEGYGLSWN PNLSGHLLSA SDDHTICLWD ISAVPKEGKV VDAKTIFTGH TAVVEDVSWH LLHESLFGSV ADDQKLMIWD TRSNNTSKPS HSVDAHTAEV NCLSFNPYSE FILATGSADK TVALWDLRNL KLKLHSFESH KDEIFQVQWS PHNETILASS GTDRRLNVWD LSKIGEEQSP EDAEDGPPEL LFIHGGHTAK ISDFSWNPNE PWVICSVSED NIMQVWQMAE NIYNDEDPEG SVDPEGQGS.

Precautions

RBBP4 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q09028)