
Product Data Sheet

Product Name: RBBP4 Human

Cat. No.: GP24348

Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSHMADKEA AFDDAVEERV INEEYKIWKK NTPFLYDLVM THALEWPSLT AQWLPDVTRP EGKDFSIHRL VLGHTSDEQ NHLVIASVQL PNDDAQFDAS HYDSEKGEFG GFGSVSGKIE IEIKINHEGE VNRARYMPQN PCIIATKTPS SDVLVFDYTK HPSKPDPSGE CNPDLRLRGH QKEGYGLSWN PNLSGHLLSA SDDHTICLWD ISAVPKEGKV VDAKTIFTGH TAVVEDVSWH LLHESLFGSV ADDQKLMIRD TRSNNTSKPS HSVDAAHTAEV NCLSFNPYSE FILATGSADK TVALWDLRNL KKLHSEFESH KDEIFQVQWS PHNETILASS GTDRRLNVWD LSKIGEEQSP EDAEDGPPEL LFIHGGHTAK ISDFSWNPNE PWVICSVSED NIMQVWQMAE NIYNDEDPEG SVDPEGQGS.		
Formulation	RBBP4 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 1mM EDTA.		

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

Caution: Product has not been fully validated for medical applications. For research use only.

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repression connected with histone deacetylation.

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.

Background

RBBP4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 449 amino acids (1-425 a.a) and having a molecular mass of 50.2kDa. RBBP4 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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