Recombinant human RBBP4 protein

Catalog Number: ATGP1656

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-425aa

UniProt No.
Q09028

NCBI Accession No.
NP_005601

Alternative Names
Retinoblastoma binding protein 4, NuRF55, RBAP48

PRODUCT SPECIFICATION

Molecular Weight
50.2 kDa (449aa)

Concentration
0.5mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol,1mM EDTA

Purity
> 90% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
Retinoblastoma binding protein 4, also known as RBBP4, is a ubiquitously expressed nuclear protein which belongs to a highly conserved subfamily of WD-repeat proteins. It is present in protein complexes involved in histone acetylation and chromatin assembly. RBBP4 is also part of co-repressor complexes, which is an integral component of transcriptional silencing. It is found among several cellular proteins that bind directly to retinoblastoma protein to regulate cell proliferation. Recombinant human RBBP4 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

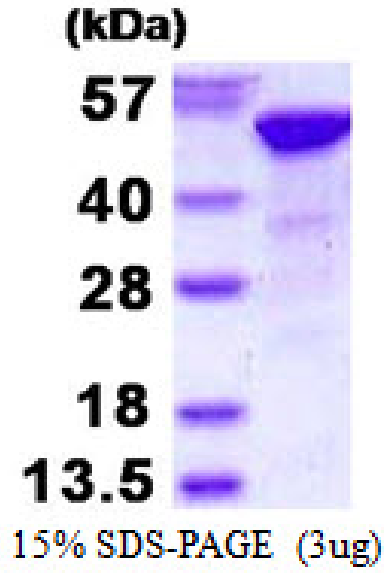
MGSSHHHHHH SSGLVPRGSH MGSHMADKEA AFDDAVEERV INEEYKIWKK NTPFLYDLVM THALEWPSLT AQWLPDVTRP EGKDFSIHRL VLGTHTSDEQ NHLVIASVQL PNDDAQFDAS HYDSEKGEFG GFGSVSGKIE IEIKINHEGE VNRARYMPQN PCIIATKTPS SDVLVFDYTK HPSKPDPSGE CNPDLRLRGH QKEGYGLSWN PNLSGHLLSA SDDHTICLWD ISAVPKEGKV VDAKTIFTGH TAVVEDVSWH LLHESLFGSV ADDQKLMIWD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

General References

Qian YW., et al. (1993) Nature. 364(6438): 648-52
Nicolas E., et al. (2001) Nucleic Acids Res. 29(15): 3131-6.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.