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Datasheet for ABIN1593347

**Retinoblastoma Binding Protein 4 Protein (RBBP4) (AA 2-425)
(His tag)**

Overview

Quantity:	1 mg
Target:	Retinoblastoma Binding Protein 4 (RBBP4)
Protein Characteristics:	AA 2-425
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Retinoblastoma Binding Protein 4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	ADKEAAFDD AVEERVINEE YKIWKKNTPF LYDLVMTHAL EWPSLTAQWL SDVTRPDGKD FSIHRLVLGT HTSDEQNHVL IASVQLPNDD AQFDASHYDS EKGEFGGFGS VSGKIEIEIK ITHDGEVNRA RYMPQNPCII ATKTPSDVL VFDYTKHPSK PDPSGECNPN LRLRGHQKEG YGLSWNPMLS GNLLSASDDH TICLWDISAV PKEGKVVDK TIFTGHTAVV EDVSWHLLHE SLFGSVADDQ KLMIWDTRSN NTSKPSHSVD AHTAEVNCLS FNPYSEFILA TGSADKTVAL WDLRNLKLKL HSFESHKDEI FQVQWSPHNE TILASSGTDR RLNVWDLSKI GEEQSPEDAE DGPELLFIH GGHTAKISDF SWNPNEPWVI CSVSEDNIMQ VWQMAENIYN DEDTEGGVDP EGQGS
Specificity:	Xenopus laevis (African clawed frog)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: Retinoblastoma Binding Protein 4 (RBBP4)

Alternative Name: Histone-binding protein RBBP4-A (rbbp4-a) ([RBBP4 Products](#))

Background: Recommended name: Histone-binding protein RBBP4-A.
Alternative name(s): Retinoblastoma-binding protein 4-A.
Short name= RBBP-4-A Retinoblastoma-binding protein p48-A

UniProt: [O93377](#)

Pathways: [Cell Division Cycle](#), [Mitotic G1-G1/S Phases](#), [Stem Cell Maintenance](#), [Chromatin Binding](#), [Protein targeting to Nucleus](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Handling

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.