



Recombinant Mouse Histone-binding protein RBBP4 (Rbbp4)

Product Code	CSB-EP730675MO-B
Abbreviation	Rbbp4
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q60972
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	ADKEAAFDD AVEERVINEE YKIWKKNTPF LYDLVMTHAL EWPSLTAQWL PDVTRPEGKD FSIHRLVLGT HTSDEQNHLV IASVQLPNDD AQFDASHYDS EKGEFGGFGS VSGKIEIEIK INHEGEVNRA RYMPQNPCI ATKTPSSDVL VFDYTKHPSK PDPSGECNPD LRLRGHQKEG YGLSWNP NLS GHLLSASDDH TICLWDISAV PKEGKVVDK TIFTGHTAVV EDVSWHLLHE SLFGSVADDQ KLMIWDTRSN NTSKPSHSVD AHTAEVNCLS FNPYSEFILA TGSADKTVAL WDLRNLKLLK HSFESHKDEI FQVQWSPHNE TILASSGTDR RLNVWDLSKI GEEQSPEDAE DGPELLFIH GGHTAKISDF SWNPNEPWVI CSVSEDNIMQ VWQMAENIYN DEDPEGSVDP EGQGS
Source	E.coli
Target Names	Rbbp4
Protein Names	Recommended name: Histone-binding protein RBBP4 Alternative name(s): Chromatin assembly factor 1 subunit C Short name= CAF-1 subunit C Chromatin assembly factor I p48 subunit Short name= CAF-I 48 kDa subunit Short name= CA
Expression Region	2-425
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene encodes 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. It is part of the Mi-2 complex which has been implicated in chromatin remodeling and transcriptional repression associated with histone deacetylation. This encoded protein 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. This protein also seems to be involved in transcriptional repression of E2F-responsive genes. Three transcript variants encoding different isoforms have been found for this gene.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.