

Recombinant Mouse Rbbp7 Protein, Myc/DDK-tagged

Cat. No. Rbbp7-5402M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length retinoblastoma binding protein 7, chromatin remodeling factor (Rbbp7), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Core histone-binding subunit that may target chromatin remodeling factors, histone acetyltransferases and histone deacetylases to their histone substrates in a manner that is regulated by nucleosomal DNA. Component of several complexes which regulate chromatin metabolism. These include the type B histone acetyltransferase (HAT) complex, which is required for chromatin assembly following DNA replication; the core histone deacetylase (HDAC) complex, which promotes histone deacetylation and consequent transcriptional repression; the nucleosome remodeling and histone deacetylase complex (the NuRD complex), which promotes transcriptional repression by histone deacetylation and nucleosome remodeling; and the PRC2/EED-EZH2 complex, which promotes repression of homeotic genes during development; and the NURF (nucleosome remodeling factor) complex.
Molecular Mass	48.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and

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handling conditions. Avoid repeated freeze-thaw cycles.

Storage Store at -80 centigrade after receiving vials.

Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Rbbp7 retinoblastoma binding protein 7, chromatin remodeling factor \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Rbbp7](#)

Synonyms RBBP7; retinoblastoma binding protein 7; histone-binding protein RBBP7; RBBP-7; retinoblastoma-binding protein 7; retinoblastoma-binding protein p46; histone acetyltransferase type B subunit 2; nucleosome-remodeling factor subunit RBAP46; G1/S transition control protein-binding protein; mRbAp46; AA409861; AI173248; AU019541; BB114024

Gene ID [245688](#)

mRNA Refseq [NM_009031](#)

Protein Refseq [NP_033057](#)

UniProt ID [Q60973](#)

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