

Recombinant Mouse Rbbp4 Protein, Myc/DDK-tagged

Cat. No. Rbbp4-5401M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length retinoblastoma binding protein 4, chromatin remodeling factor (Rbbp4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Core histone-binding subunit that may target chromatin assembly factors, chromatin remodeling factors 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 chromatin assembly factor 1 (CAF-1) complex, which is required for chromatin assembly following DNA replication and DNA repair; 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; the PRC2 complex, which promotes repression of homeotic genes during development; and the NURF (nucleosome remodeling factor) complex.
Molecular Mass	48.1 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 Rbbp4 retinoblastoma binding protein 4, chromatin remodeling factor [Mus musculus (house mouse)]

Official Symbol [Rbbp4](#)

Synonyms RBBP4; retinoblastoma binding protein 4; histone-binding protein RBBP4; RBBP-4; CAF-I p48; CAF-1 subunit C; CAF-1 p48 subunit; CAF-I 48 kDa subunit; retinoblastoma-binding protein 4; retinoblastoma-binding protein p48; chromatin assembly factor 1 subunit C; chromatin assembly factor I p48 subunit; nucleosome-remodeling factor subunit RBAP48; mRbAp48

Gene ID [19646](#)

mRNA Refseq [NM_009030](#)

Protein Refseq [NP_033056](#)

UniProt ID [Q60972](#)

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