

Recombinant Human RBBP7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RBBP7-5864H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RBBP7 MS Standard C13 and N15-labeled recombinant protein (NP_002884) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This protein is a ubiquitously expressed nuclear protein and belongs to a highly conserved subfamily of WD-repeat proteins. It is found among several proteins that binds directly to retinoblastoma protein, which regulates cell proliferation. The encoded protein is found in many histone deacetylase complexes, including mSin3 co-repressor complex. It is also present in protein complexes involved in chromatin assembly. This protein can interact with BRCA1 tumor-suppressor gene and may have a role in the regulation of cell proliferation and differentiation. Two transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	47.8 kDa
AA Sequence	MASKEMFEDTVEERVINEEYKIWKKNTPFLYDLVMTHALQWPSLTVQWLPEVTKPE GKDYLHVLVLGTHTSDEQNHLVVARVHIPNDDAQFDASHCSDKGEFGGFGSVT GKIECEIKINHEGEVNRARYMPQNPHIATKTPSSDVLVFDYTKHPAKPDPSGECNPD LRLRGHQKEGYGLSWNSNLSGHLLSASDDHTVCLWDINAGPKEGKIVDAKAIFTGH SAVVEDVAWHLLHESLFGSVADDQKLMIWDTRSNTTSKPSHLVDAHTAEVNCLSFN

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PYSEFILATGSADKTVALWDLRNLKLLHTFESHKDEIFQVHWSPHNETILASSGTDR
RLNVWDLSKIGEEQSAEDAEDGPPELLFIHGGHTAKISDFSWNPNEPWVICSVSEDN
IMQIWQMAENIYNDEESDVTTSELEGQGSTRTRPLEQKLISEEDLAANDILDYKDDDD
KV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name **RBBP7** retinoblastoma binding protein 7 [Homo sapiens (human)]

Official Symbol **RBBP7**

Synonyms RBBP7; retinoblastoma binding protein 7; histone-binding protein RBBP7; G1/S transition control protein binding protein RbAp46; histone acetyltransferase type B subunit 2; RbAp46; retinoblastoma binding protein p46; retinoblastoma binding protein RbAp46; RBBP-7; retinoblastoma-binding protein 7; retinoblastoma-binding protein p46; retinoblastoma-binding protein RbAp46; nucleosome-remodeling factor subunit RBAP46; G1/S transition control protein-binding protein RbAp46; MGC138867; MGC138868;

Gene ID **5931**

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mRNA Refseq NM_002893

Protein Refseq NP_002884

MIM 300825

UniProt ID Q16576

SDS-PAGE



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