

Recombinant Full Length Human RBBP7 Protein

Cat. No. RBBP7-428HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human RbAp46 (amino acids 1-425) with N terminal proprietary tag; Predicted MWt 72.82 kDa including the tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	425 amino acids
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.
Form	Liquid
Molecular Mass	72.820kDa inclusive of tags
AA Sequence	MASKEMFEDTVEERVINEEYKIWKKNTPFLYDLVMTHALQ WPSLTVQWLPEVTKPE GKDYALHWLVLGHTSDEQNHLVV ARVHIPNDDAQFDASHCDSKGEFGGFGSVT GKIECEIKI NHEGEVNRARYMPQNPHIATKTPSSDVLVFDYTKHPAKP DPSGECNP

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DLRLRGHQKEGYGLSWNSNLSGHLLSASDDHT VCLWDINAGPKEGKIVDAKAIFTG
 HSAVVEDVAWHLLHES LFGSVADDQKLMWDTRSNTTSKPSHLVDAHTAEVNCLSF
 NPYSEFILATGSADKTVALWDLRNLKLLHTFESHKDEIF QVHWSPHNETILASSGT
 DRRLNVWDLISKIGEEQSAEDAED GPPELLFIHGGHTAKISDFSWNPNPWWICSVS
 EDNIMQI WQMAENIYNDEESDVTTSELEGQGS

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name [RBBP7 retinoblastoma binding protein 7 \[Homo sapiens \]](#)

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

Gene ID [5931](#)

mRNA Refseq [NM_001198719](#)

Protein Refseq [NP_001185648](#)

MIM [300825](#)

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UniProt ID

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