

Recombinant Human RBBP7 Protein (1-425 aa), His-SUMO-tagged

Cat. No. RBBP7-1010H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RBBP7 Protein (1-425 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Transcription. Protein Description: Full Length.
Species	Human
Source	E.coli
ProteinLength	1-425 aa
Description	Core histone-binding subunit that may target chromatin rodeling 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 assbly following DNA replication; the core histone deacetylase (HDAC) complex, which promotes histone deacetylation and consequent transcriptional repression; the nucleosome rodeling and histone deacetylase complex (the NuRD complex), which promotes transcriptional repression by histone deacetylation and nucleosome rodeling; and the PRC2/EED-EZH2 complex, which promotes repression of homeotic genes during development; and the NURF (nucleosome rodeling factor) complex.
Form	Tris-based buffer, 50% glycerol

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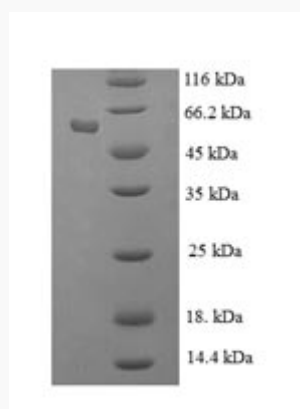
Molecular Mass	63.8 kDa
AA Sequence	MASKEMFEDTVEERVINEEYKIWKKNTPFLYDLVMTHALQWPSLTVQWLPEVTKPE GKDYALHWLVLGHTSDEQNHLVVARVHIPNDDAQFDASHCDSKGEFGGFGSVT GKIECEIKINHEGEVNRARYMPQNPHEIATKTPSSDVLVFDYTKHPAKPDPSGECNPD LRLRGHQKEGYGLSWNSNLSGHLLSASDDHTVCLWDINAGPKEGKIVDAKAIFTGH SAVVEDVAWHLLHESLFGSVADDQKLMIWDTRSNTTSKPSHLVDAHTAEVNCLSFN PYSEFILATGSADKTVALWDLRNLKLLHTFESHKDEIFQVHWSPHNETILASSGTDR RLNVWDLISKIGEEQSAEDAEDGPPELLFIHGGHTAKISDFSWNPNEPWWICSVSEDN IMQIWQMAENIYNDEESDVTTSELEGQGS
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.
GENE INFORMATION	
Gene Name	RBBP7 retinoblastoma binding protein 7 [Homo sapiens]
Official Symbol	RBBP7
Synonyms	RBBP7; RbAp46; RBBP-7; MGC138867; MGC138868;

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Gene ID	5931
mRNA Refseq	NM_001198719
Protein Refseq	NP_001185648
MIM	300825
UniProt ID	Q16576



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.