

Recombinant Human RBBP7 Protein Product Manual

1. Product Basic Information

Product No.: REP08014

Protein Name: Histone-Binding Protein Rbbp7 (RBBP7)

Aliases: RBBP-RbAp46; SPGFX9; histone-binding protein RBBP7; retinoblastoma-binding protein RbAp46; RB binding protein 7, chromatin remodeling factor

UniProt ID: Q16576

UniProt Link: <https://www.uniprot.org/uniprotkb/Q16576/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-425aa)

Molecular Weight: 63.8kDa

Protein Tag: N-terminal 6xHis-SUMO-tagged

2. Amino Acid Sequence (1-425aa)

MASKEMFEDTVEERVINEEYKIWKKNTPFLYDLVMTHALQWPSLTVQWLPEVTKPE
GKDYALHWLVLGHTSDEQNHLVVARVHIPPNDDAQFDASHCDSKGEFGGFGSVT
GKIECEIKINHEGEVNRARYMPQNPPIIATKTPSSDVLVFDYTKHPAKPDPSGECNP
DLRLRGHQKEGYGLSWNSNLGHLISASDDHTVCLWDINAGPKEGKIVDAKAIFTG
HSAVVEDVAWHLLHESLFGSVADDQKLMIWDTRSNTTSKPSHLVDAHTAEVNCLSF
NPYSEFILATGSADKTVALWDLRNLKLLHTFESHKDEIFQVHWSPHNETILASSGT
DRRLNVWDLKIGEEQSAEDAEDGPPELLFIHGGHTAKISDFSWNPNEPWWICSVS
EDNIMQIWQMAENIYNDEESDVTTSELEGQGS

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.



4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human RBBP7 full length protein (1-425aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. RBBP7, also known as RBBP-RbAp46 or SPGFX9 or histone-binding protein RBBP7, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.