

Recombinant Rat RBCK1 Protein

Product Manual

1. Product Basic Information

Product No.: REP08015

Protein Name: Ring Finger Protein 54 (RBCK1)

Aliases: XAP3; XAP4; HOIL1; PBME1; PGBM1; RBCK2; RNF54; HOIL-ZRANB4; C20orf18; UBCE7IP3; RING finger protein 54

UniProt ID: Q9BYM8

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9BYM8/entry>

Species Source: Rattus norvegicus (Rat)

Expression System: E.coli

Protein Length: Full Length (1-508aa)

Molecular Weight: 65.1 kDa

Protein Tag: N-terminal 10xHis-tagged and C-terminal Myc-tagged

2. Amino Acid Sequence (1-508aa)

MDEKTKKAEEMALSLARAVTGGDEQAAIKYATWLAEQKVPLRVQVKPEVSPTQDIR
LCVSVEDAYMHTVTIWLTVRPDMTVASLKDMVFLDYGFPPSLQQWVVGQRLARDQ
ETLHSHGIRRNGDSAYLYLLSARNTSLNPQELQRQRQLRMLEDLGFKDLTLQPRGP
LEPVLPKPRTHQETGQPDAAPESPVGWQCPCGCTFINKPTRPGCEMCCRARPEAY
QIPASYQPDEEERARLAGEEEEALRQYEQRKQQQEGNYLQHVQLEQRSLVLNTEP
AECPCYSVLAPGEAVVLRCLHTFCRECLQGTIRNSQAEVSCPFDNTYSCPGKL
LEREIRALLSPEDYQRFLDLGVSIAENRSTLSYHCKTPDCRGWCFFEDDVNEFTCPV
CTRVNCLLCKAIHERMNCREYQDDLAHRARNDVAAQQTTEMLRVMLQQGEAMYC
PQCRIVVQKKDGCDWIRCTVCHTEICWVTKGPRWGPGGPGDTSGGCRCRVNGIP
CHPSCQNCH

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



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 Rat RBCK1 full length protein (1-508aa) expressed in E.coli. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. RBCK1, also known as XAP3 or XAP4 or HOIL1, 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.