

Recombinant Human RAB2A Protein Product Manual

1. Product Basic Information

Product No.: REP07988

Protein Name: Ras-Related Protein Rab-2A (RAB2A)

Aliases: LHX; RAB2; ras-related protein Rab-2A; small GTP binding protein RAB2A; RAB2, member RAS oncogene family; RAB2A, member RAS oncogene family

UniProt ID: P61019

UniProt Link: <https://www.uniprot.org/uniprotkb/P61019/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (2-212aa)

Molecular Weight: 39.4kDa

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

2. Amino Acid Sequence (2-212aa)

AYAYLFKYIIIGDTGVGKSCLLLQFTDKRFQPVHDLTIGVEFGARMITIDGKQIKLQIW
DTAGQESFRSITRSYYRGAAGALLVYDITRRDTFNHLTTWLEDARQHSNSNMVIMLI
GNKSDLESRREVKKEEGEAFAREHGLIFMETS AKTASNVEEAFINTAKEIYEKIQEGV
FDINNEANGIKIGPQHAATNATHAGNQQGGQQAGGGCC

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



5. Product Description

This product is a recombinant Human RAB2A full length of mature protein protein (2-212aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. RAB2A, also known as LHX or RAB2 or ras-related protein Rab-2A, 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.