

# Recombinant Human RAB31 Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP07989

**Protein Name:** Ras-Related Protein Rab-31 (RAB31)

**Aliases:** ras-related protein Rab-31; ras-related protein Rab-22B; RAB31, member RAS oncogene family

**UniProt ID:** Q13636

**UniProt Link:** <https://www.uniprot.org/uniprotkb/Q13636/entry>

**Species Source:** Homo sapiens (Human)

**Expression System:** E.coli

**Protein Length:** Full Length (1-194aa)

**Molecular Weight:** 48.6kDa

**Protein Tag:** N-terminal GST-tagged

## 2. Amino Acid Sequence (1-194aa)

MAIRELKVCLLGDTGVGKSSIVCRFVQDHFHDHNSPTIGASFMTKTVPCGNELHKFLI  
WDTAGQERFHSLAPMYRGSAAAVIVYDITKQDSFYTLKKWVKELKEHGPENIVMAI  
AGNKCDLSDIREVPLKDAKEYAESIGAIIVVETSAKNAINIEELFQGISRQIPPLDPHEN  
GNNGTIKVEKPTMQASRRCC

## 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 RAB31 full length protein (1-194aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. RAB31, also known as ras-related protein Rab-31 or ras-related protein Rab-22B or RAB31, member RAS oncogene family, 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.