

Recombinant Human RAB8A Protein Product Manual

1. Product Basic Information

Product No.: REP07996

Protein Name: Oncogene C-Mel (RAB8A)

Aliases: MEL; RAB8; oncogene c-mel; ras-related protein Rab-8A; ras-associated protein RAB8; RAB8A, member RAS oncogene family; mel transforming oncogene (RAB8 homolog)

UniProt ID: P61006

UniProt Link: <https://www.uniprot.org/uniprotkb/P61006/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (3-193aa)

Molecular Weight: 37.8 kDa

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

2. Amino Acid Sequence (3-193aa)

KTYDYLFKLLLIGDSGVGKTCVLF RFSEDAFNSTFISTIGIDFKIRTIELDGKRIKLQIWD
TAGQERFRTITTAYYRGAMGIMLVYDITNEKSFDNIRNWIRNIEEHASADVEKMILGN
KCDVNDKRQVSKERGEKLALDYGIKFMETSAKANINVENAFFTLARDIKAKMDKKLE
GNSPQGSNQG VKITP

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



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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 RAB8A partial protein (3-193aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. RAB8A, also known as MEL or RAB8 or oncogene c-mel, 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.