



# Recombinant Human PRKAB2 Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP07891

**Protein Name:** Ampk Beta Ampk Beta-2 Chain (PRKAB2)

**Aliases:** AMPK beta AMPK beta-2 chain

**UniProt ID:** O43741

**UniProt Link:** <https://www.uniprot.org/uniprotkb/O43741/entry>

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

**Expression System:** E.coli

**Protein Length:** Full Length (1-272aa)

**Molecular Weight:** 57.3kDa

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

## 2. Amino Acid Sequence (1-272aa)

MGNTTSDRVSGERHGAKAARSEGAGGHAPGKEHKIMVVGSTDDPSVFLPDSKLP  
GDKEFVSWQQDLEDSVKPTQQARPTVIRWSEGGKEVFISGSFNNWSTKIPLIKSHN  
DFVAILDLPEGEHQYKFFVDGQWVHDPSEPVVTSQLGTINNLIHVKKSDFEVFDALK  
LDSMESSETSCRDLSSSPGPYQGEMYAFRSEERFKSPPIPPHLLQVILNKDTNIS  
CDPALLPEPNHVMLNHLIALSIKDSVMVLSATHRYKKKYVTLLYKPI

## 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 PRKAB2 full length protein (1-272aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. PRKAB2, also known as AMPK beta AMPK beta-2 chain, 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.