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# Recombinant Human AMPK (G1/B1/A1) Heterotrimer Protein

**Catalog No.: RP03153LQ** Recombinant

## Sequence Information

| Species | Gene ID | Swiss Prot |
|---|---|---|
| Human | 5571&5564&5562 | P54619-1 & Q9Y478-1 & Q13131-1 |

**Tags**
N-His&GST

**Synonyms**
AMPK; AMPK(α1; β1; γ1) ;AMPK (G1/B1/A1) Heterotrimer

## Product Information

| Source | Purification |
|---|---|
| Baculovirus-Insect Cells | ≥ 85 % as determined by SDS-PAGE. |

| Calculated MW | Observed MW |
|---|---|
| 38 kDa(PRkAG1), 30 kDa(PRkAB1), 92 kDa(PRkAA1) | 38 kDa(PRkAB1), 40 kDa(PRkAG1), 95 kDa(PRkAA1) |

**Endotoxin**
< 1 EU/μg of the protein by LAL method.

**Formulation**
Supplied as sterile 20mM Tris, 300mM NaCl, 10% Glycerol, pH 7.5.

**Reconstitution**

## Background

## Basic Information

**Description**
Recombinant Human AMPK (G1/B1/A1) Heterotrimer Protein is produced by Baculovirus-Insect Cells expression system. The target protein is expressed with sequence (Met1-Pro331&Met1-Ile270&Met1-Gln559) of human AMPK (Accession #) fused with GST and His tag at the N-terminus.

**Bio-Activity**
The specific activity was determined to be 6 nmol/min/mg using synthetic SAMS peptide (HMRSAMSGLHLVKRR) as substrate.

**Shipping**
The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

**Storage**
Store at -70℃. This product is stable at ≤ -70℃ for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles.
Avoid repeated freeze/thaw cycles.

**Operational Notes**
For your safety and health, please wear a lab coat and disposable gloves for handling.

## Contact


400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn


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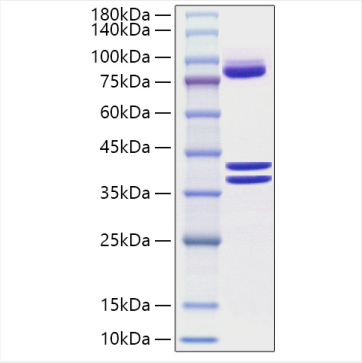
## Validation Data




Recombinant Human AMPK (G1/B1/A1) Heterotrimer Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



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