

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

Catalog No.: RP03153LQ Recombinant

# **Sequence Information**

 Species
 Gene ID
 Swiss Prot

 Human
 5571&5564& P54619-1 &

 5562
 Q9Y478-1 &

 Q13131-1

**Tags** N-His&GST

**Synonyms** 

AMPK; AMPK( $\alpha$ 1;  $\beta$ 1;  $\gamma$ 1) ;AMPK (G1/B1/A1) Heterotrimer

## **Product Information**

SourcePurificationBaculovirus-Insect≥ 85 % asCellsdetermined by SDS-PAGE.

#### Calculated MW Observed MW

38 kDa(PRkAG1), 30 38 kDa(PRkAB1), 40 kDa(PRkAB1), 92 kDa(PRkAG1), 95 kDa(PRkAA1) kDa(PRkAA1)

#### **Endotoxin**

< 1 EU/ $\mu g$  of the protein by LAL method.

#### **Formulation**

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

#### Reconstitution

#### **Contact**

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# **Background**

## **Basic Information**

#### **Description**

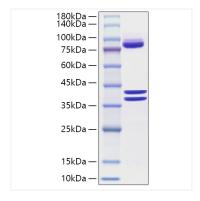
Recombinant Human AMPK (G1/B1/A1) Heterotrimer Protein is produced by Baculovirus-Insect Cells expression system. The target protein is expressed with sequence (Met1-Pro331&Met1-Ile270&Met1-GIn559) of human AMPK (Accession #) fused with GST and His tag at the N-terminus.

### **Bio-Activity**

#### Storage

Store at  $-70^{\circ}$ C. This product is stable at  $\leq -70^{\circ}$ C 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.

# **Validation Data**



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