

# Recombinant Human AMPK (G1/B1/A2) Heterotrimer Protein

RPES0595

## Description

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This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Protein Information

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**SKU:** RPES0595

**Purity:** > 94 % as determined by reducing SDS-PAGE.

**Contents:** 50µg  
Bradford Reagent: 1 vial (2ml)

**Concentration:** Subject to label value.

**Species:** Human

**Endotoxin:** < 1.0 EU per µg of the protein as determined by the LAL method.

**Synonyms:** AMPK, AMPKa1

**Storage:** Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.  
Store Bradford Reagent at Room Temperature for 1 year.

**Tag:** N-His-GST

**Shipping:** This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.

**Expression Host:** Baculovirus-Insect Cells

**Bio-Activity:** The specific activity was determined to be 4 nmol/min/mg using synthetic SAMS peptide (HMRSAMSGHLHLVKRR) as substrate.

**Calculated MW:** 38&30&90 kDa

**Formulation:** Supplied as sterile solution of 50mM Tris, 200mM NaCl, 1mM EDTA, 1mM DTT, 0.5mM PMSF, 10% glycerol, 1mM GSH, pH 7.4.

**Observed MW:** 40&42&95 kDa

**Reconstitution:** -

**Accession:** P54619&O43741&P54646

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

**Source:** Baculovirus-Insect Cells-derived Human AMPK (G1/B1/A2) Heterotrimer

**Manufacturers Statement:** This final kit system is assembled and quality-released by Assay Genie Limited.

protein Met 1-Pro 331&Met 1-Ile 272&Met  
1-Arg 552, with an N-terminal His & GST

**Sequence:** Met 1-Pro 331&Met 1-Ile  
272&Met 1-Arg 552

**Form:** Liquid

**Notes:** Centrifuge before opening to ensure complete  
recovery of vial contents.