

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

RPES2438

Description

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

SKU: RPES2438

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 6 nmol/min/mg using synthetic SAMS peptide (HMRSAMSGHLHLVKRR) as substrate.

Calculated MW: 38&30&92 kDa

Formulation: Supplied as sterile solution of 50mM Tris, 200mM NaCl, 2mM GSH, 1mM EDTA, 1mM DTT, 10% glycerol, pH 7.4

Observed MW: 38&40&95 kDa

Reconstitution: -

Accession: P54619-1&Q9Y478-1&Q13131-1

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/A1) Heterotrimer

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

protein Met 1-Pro 331&Met 1-Ile 270&Met 1-Gln 559, with an N-terminal His & GST

Sequence: Met 1-Pro 331&Met 1-Ile 270&Met 1-Gln 559

Form: Liquid

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