



Recombinant Protein Technical Manual

**Recombinant Human AMPK (G1/B1/A2)
Heterotrimer Protein (Active)**
RPES0595

Product Data:

Product SKU: RPES0595

Size: 20µg

Species: Human

Expression host: Baculovirus-Insect Cells

Uniprot: P54619

Protein Information:

Molecular Mass: 158 (38+30+90) kDa

AP Molecular Mass: 40, 42 & 95 kDa

Tag:

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

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

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

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

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.

Formulation: Supplied as sterile 50mM Tris, 200mM NaCl, 1mM EDTA, 1mM DTT, 0.5mM PMSF, 10% gly, 1mM GSH, pH 7.4

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: AMPK;AMPKa1

Immunogen Information:

Sequence: Met 1-Pro 331

Background: