

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

Catalog No. PKSH030311

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

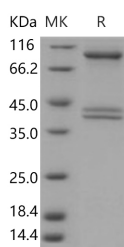
### Description

<b>Synonyms</b>	AMPK;AMPK $\alpha$ 1
<b>Species</b>	Human
<b>Expression Host</b>	Baculovirus-Insect Cells
<b>Sequence</b>	Met 1-Pro 331&Met 1-Ile 272&Met 1-Arg 552
<b>Accession</b>	P54619&O43741&P54646
<b>Calculated Molecular Weight</b>	38&30&90 kDa
<b>Observed molecular weight</b>	40&42&95 kDa
<b>Tag</b>	N-His-GST
<b>Bioactivity</b>	The specific activity was determined to be 4 nmol/min/mg using synthetic SAMS peptide (HMRSAMSGHLVKRR) as substrate.

### Properties

<b>Purity</b>	> 94 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per $\mu$ g of the protein as determined by the LAL method.
<b>Storage</b>	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
<b>Shipping</b>	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.
<b>Formulation</b>	Supplied as sterile solution of 50mM Tris, 200mM NaCl, 1mM EDTA, 1mM DTT, 0.5mM PMSF, 10% glycerol, 1mM GSH, pH 7.4.
<b>Reconstitution</b>	Not Applicable

### Data



> 94 % as determined by reducing SDS-PAGE.

### For Research Use Only