

## Recombinant Human AMPK (G1/B2/A2) Heterotrimer Protein

**Catalog Number:** PKSH030312

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

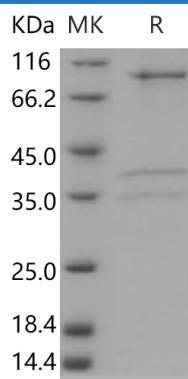
### Description

<b>Species</b>	Human
<b>Source</b>	Baculovirus-Insect Cells-derived Human AMPK (G1/B2/A2) Heterotrimer protein Met 1-Pro 331&Met 1-Ile 272&Met 1-Arg 552, with an N-terminal His & GST
<b>Calculated MW</b>	38&30&90 kDa
<b>Observed MW</b>	35&37&95 kDa
<b>Accession</b>	P54619&Q9Y478&P54646
<b>Bio-activity</b>	The specific activity was determined to be 6 nmol/min/mg using synthetic SAMS peptide (HMRSAMSGLHLVKRR) as substrate.

### Properties

<b>Purity</b>	> 90 % as determined by reducing SDS-PAGE.
<b>Concentration</b>	Subject to label value.
<b>Endotoxin</b>	< 1.0 EU per µg 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

### Data



> 90 % as determined by reducing SDS-PAGE.

### For Research Use Only

Toll-free: 1-888-852-8623  
Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086  
Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017