

# Recombinant Human AMPK (G1/B2/A1) Heterotrimer Protein



Catalog Number:PKSH030313

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

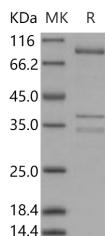
## Description

<b>Synonyms</b>	AMPK;AMPKa1
<b>Species</b>	Human
<b>Expression Host</b>	Baculovirus-Insect Cells
<b>Sequence</b>	Met 1-Pro 331&Met 1-Ile 272&Met 1-Gln 559
<b>Accession</b>	P54619&O43741&Q13131-1
<b>Calculated Molecular Weight</b>	38&30&92 kDa
<b>Observed molecular weight</b>	35&37&95 kDa
<b>Tag</b>	N-His-GST
<b>Bioactivity</b>	The specific activity was determined to be 6 nmol/min/mg using synthetic SAMS peptide (HMRSAMSGLHLVKRR) as substrate.

## Properties

<b>Purity</b>	> 94 % as determined by reducing SDS-PAGE.
<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, 2mM GSH, 1mM EDTA, 1mM DTT, 10% glycerol, pH 7.4
<b>Reconstitution</b>	Not Applicable

## Data



> 94 % as determined by reducing SDS-PAGE.

## For Research Use Only

A Reliable Research Partner in Life Science and Medicine

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