

## Product datasheet

# Recombinant Human AMPK alpha 2+AMPK beta 1+AMPK gamma 1 protein ab177266

[2 Images](#)

### Description

<b>Product name</b>	Recombinant Human AMPK alpha 2+AMPK beta 1+AMPK gamma 1 protein
<b>Purity</b>	> 90 % Densitometry. Affinity purified.
<b>Expression system</b>	Baculovirus infected Sf9 cells
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Tags</b>	His tag C-Terminus
<b>Additional sequence information</b>	AMPK alpha 2 (NM_006252), beta 1 (NM_006253), and gamma 1 (NM_002733).

### Specifications

Our **Abpromise guarantee** covers the use of **ab177266** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	Functional Studies SDS-PAGE
<b>Form</b>	Liquid

### Preparation and Storage

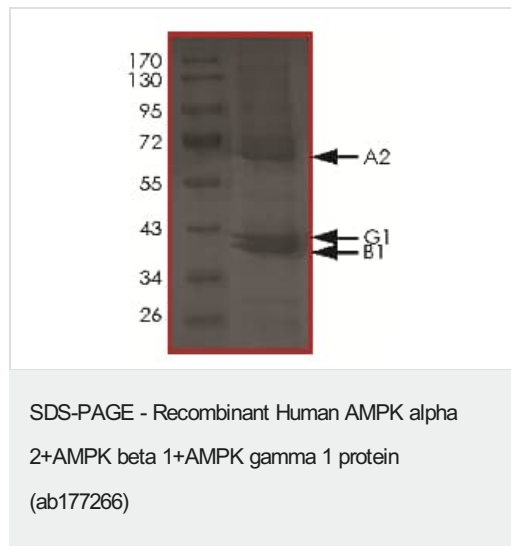
<b>Stability and Storage</b>	Shipped on Dry Ice. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.  pH: 7.00 Preservative: 1.02% Imidazole Constituents: 0.82% Sodium phosphate, 1.75% Sodium chloride, 0.002% PMSF, 0.004% DTT, 25% Glycerol (glycerin, glycerine)
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### General Info

## Cellular localization

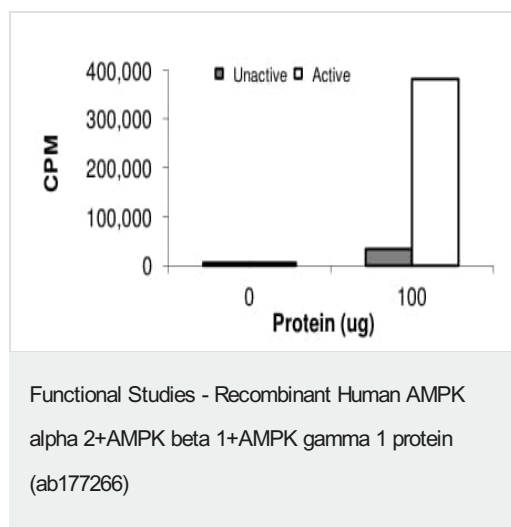
AMPK alpha 2: Cytoplasm. Nucleus. In response to stress, recruited by p53/TP53 to specific promoters.

## Images



SDS-PAGE analysis of ab177266.

**Observed band size:** 69 kDa (alpha 2), 38 kDa (beta 1), and 40 kDa (gamma 1)



Sample Kinase activity plot. Activity comparison of the ab177266 (Unactive) and the Recombinant human AMPK alpha 2 + AMPK beta 1 + AMPK gamma 1 protein (Active) (available as [ab268338](#)).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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