



**Creative Enzymes**

*Diagnostic Enzymes*

## Human AMPK $\alpha$ 1/ $\beta$ 2/ $\gamma$ 1 Protein (GST-Tag), Recombinant

### Product Information

<b>Cat#</b>	TRA-437
<b>Specification</b>	5 $\mu$ g(min)
<b>Description</b>	Truncated human AMPK $\alpha$ 1 was co-expressed as an N-terminal GST fusion protein and PRKAG1 employing a baculovirus expression system. The GST-AMPK $\alpha$ 1/ $\beta$ 2/ $\gamma$ 1 complex was purified by glutathione sepharose chromatography, activated with His-tagged CaMKK1, and then re-purified by glutathione sepharose chromatography.
<b>Applications</b>	For use in comprehensive AMPK isoform-specific detection panels.
<b>Synonyms</b>	PRKAA1, AMPK, AMPK $\alpha$ 1
<b>Source</b>	Insect (sf21)
<b>Class</b>	Serine/Threonine Kinase
<b>Group</b>	CAMK
<b>Family</b>	CAMKL
<b>Gene Name</b>	PRKAA1   protein kinase AMP-activated catalytic subunit alpha 1
<b>Sequence</b>	10-559 (end)
<b>Accession Number</b>	NP_006242.5
<b>Tag</b>	GST-Tag
<b>Tag Location</b>	N-terminal GST
<b>Storage Buffer</b>	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH 7.5
<b>Storage</b>	Store at -80°C. Avoid repeating freeze-thaws.

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