



Human AMPK α 1/ β 1/ γ 1 Protein (GST-Tag), Recombinant

Product Information

Cat#	TRA-435
Specification	5 μ g(min)
Description	Truncated human AMPK α 1 was co-expressed as an N-terminal GST fusion protein and PRKAG1 using a baculovirus expression system. The GST-AMPK α 1/ β 1/ γ 1 complex was purified by glutathione sepharose chromatography and subsequently activated with His-tagged CaMKK1. The activated complex was re-isolated via glutathione sepharose chromatography.
Applications	For use as a positive control in AMPK detection assays for metabolic disease research.
Synonyms	PRKAA1, AMPK, AMPK α 1
Source	Insect (sf21)
Class	Serine/Threonine Kinase
Group	CAMK
Family	CAMKL
Gene Name	PRKAA1 protein kinase AMP-activated catalytic subunit alpha 1
Sequence	10-559 (end)
Accession Number	NP_006242.5
Tag	GST-Tag
Tag Location	N-terminal GST
Storage Buffer	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH 7.5
Storage	Store at -80°C. Avoid repeating freeze-thaws.