
AMPK α 2/ β 1/ γ 1(PRKAA2/B1/G1)

Product code 02-114

Full-length human AMPK α 2 [1-552(end) amino acids of accession number NP_006243.2] was co-expressed as N-terminal GST-fusion protein (89 kDa) with GST-PRKAB1 [1-270(end) amino acids of accession number NP_006244.2] and PRKAG1 [1-331(end) amino acids of accession number NP_002724.1] using baculovirus expression system. GST-AMPK α 2/ β 1/ γ 1 was purified by using glutathione sepharose chromatography and activated with His-tagged CaMKK1. Activated GST-AMPK α 2/ β 1/ γ 1 was purified using glutathione sepharose chromatography.

Assay Platform : Mobility Shift Assay

Substrate : SAMS peptide

ATP (uM) Km_{app} / Bin : 100 / 100

Metal : Mg

Reference compound : Staurosporine

IC₅₀ at ATP Bin (nM) : 0.79
