

Human AMPK (G1/B2/A1) Heterotrimer Protein

Catalogue No.: abx694010

Human AMPK (G1) Protein is a recombinant protein from Human produced in Baculovirus-Insect Cells. A DNA sequence encoding the human PRKAG1 (P54619) (Met 1-Pro 331), constructed the plasmid 1; A DNA sequence encoding the human PRKAB2 (O43741) (Met 1-Ile 272), constructed the plasmid 2; A DNA sequence encoding the human PRKAA1 (Q13131-1) (Met 1-Gln 559) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus, constructed the plasmid 3. The three plasmids were co-expressed and the heterotrimer was purified.

Target:	AMPK (G1/B2/A1) Heterotrimer
Origin:	Human
Expression:	Recombinant
Tested Applications:	SDS-PAGE
Host:	HEK293 cells
Purity:	> 94% (SDS-PAGE)
Storage:	Aliquot and store at -20°C or -80°C. Avoid repeated freeze/thaw cycles.
Validity:	The validity for this protein is 6 months.
UniProt Primary AC:	P54619 (UniProt , ExPASy)
KEGG:	hsa:5571
String:	9606.ENSP00000323867
Molecular Weight:	160 kDa
Sequence Fragment:	Met1-Pro331
Buffer:	Supplied as sterile 50mM Tris, 200mM NaCl, 2mM GSH, 1mM EDTA, 1mM DTT, 10% gly, pH 7.4.
Activity:	Active
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.