

Recombinant Human AMPK (G1/B2/A2) Heterotrimer Protein

Catalog No. PKSH030312

Note: Centrifuge before opening to ensure complete recovery of vial contents.

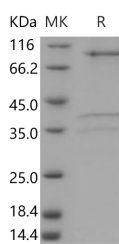
Description

Synonyms	AMPK;AMPK α 1
Species	Human
Expression Host	Baculovirus-Insect Cells
Sequence	Met 1-Pro 331&Met 1-Ile 272&Met 1-Arg 552
Accession	P54619&Q9Y478&P54646
Calculated Molecular Weight	38&30&90 kDa
Observed molecular weight	35&37&95 kDa
Tag	N-His-GST
Bioactivity	The specific activity was determined to be 6 nmol/min/mg using synthetic SAMS peptide (HMRSAMSGHLVKRR) as substrate.

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μ g of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.
Formulation	Supplied as sterile solution of 50mM Tris, 200mM NaCl, 1mM EDTA, 1mM DTT, 0.5mM PMSF, 10% glycerol, 1mM GSH, pH 7.4
Reconstitution	Not Applicable

Data



> 90 % as determined by reducing SDS-PAGE.

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