Recombinant Human AMPK (G1/B1/A1) Heterotrimer Protein

Catalog No.: RP03153LQ

Sequence Information

Species
Human

Gene ID
5571&5564&5562

Swiss Prot
P54619-1 & Q9Y478-1 & Q13131-1

Tags
N-His&GST

Synonyms
AMPK, AMPK(α1, β1, γ1) ;AMPK (G1/B1/A1) Heterotrimer

Product Information

Source
Baculovirus-Insect Cells

Purification
≥ 85 % as determined by SDS-PAGE.

Calculated MW
38 kDa(PRkAG1), 30 kDa(PRkAB1), 92 kDa(PRkAA1)

Observed MW
38 kDa(PRkAB1), 40 kDa(PRkAG1), 95 kDa(PRkAA1)

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Supplied as sterile 20mM Tris, 300mM NaCl, 10% Glycerol, pH 7.5.

Reconstitution

Background

Basic Information

Description
Recombinant Human AMPK (G1/B1/A1) Heterotrimer Protein is produced by Baculovirus-Insect Cells expression system. The target protein is expressed with sequence (Met1-Pro331&Met1-Ile270&Met1-Gln559) of human AMPK (Accession #) fused with GST and His tag at the N-terminus.

Activity
The specific activity was determined to be 6 nmol/min/mg using synthetic SAMS peptide (HMRSAMSGLHLVKRR) as substrate.

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -70℃

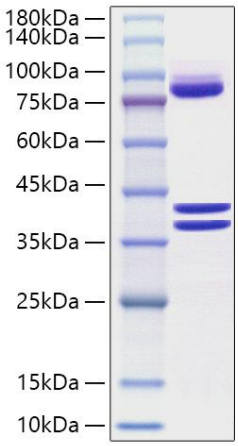
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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www.abclonal.com.cn

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Recombinant Human AMPK (G1/B1/A1) Heterotrimer Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.