

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



Catalog Number:PKSH030312

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

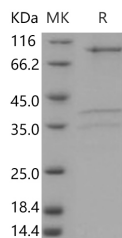
Description

| | |
|------------------------------------|--|
| 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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