

Product datasheet

Recombinant human AMPK alpha 1 + AMPK gamma 1 + AMPK beta 2/PRKAB2 protein (Active) ab268337

[2 Images](#)

Description

| | |
|--|---|
| Product name | Recombinant human AMPK alpha 1 + AMPK gamma 1 + AMPK beta 2/PRKAB2 protein (Active) |
| Biological activity | The specific activity of ab268337 was 349 nmol/min/mg in a peptide kinase assay using SAMStide synthetic (HMRSAMSGHLVKRR) as substrate. |
| Purity | > 70 % SDS-PAGE. Affinity purified. |
| Expression system | Baculovirus infected Sf9 cells |
| Accession | Q13131 O43741 P54619 |
| Protein length | Full length protein |
| Animal free | No |
| Nature | Recombinant |
| Amino Acid Sequence 1 | |
| Species | Human |
| Molecular weight information | Approx. 68kDa by SDS-PAGE |
| Amino acids | 1 to 559 |
| Tags | His tag C-Terminus |
| Additional sequence information | GenBank: NM_006251 |
| Amino Acid Sequence 2 | |
| Species | Human |
| Molecular weight information | Approx. 36 kDa by SDS-PAGE |
| Amino acids | 1 to 272 |
| Tags | His tag C-Terminus |
| Additional sequence information | GenBank: NM_005399 |
| Amino Acid Sequence 3 | |
| Species | Human |
| Molecular weight information | Approx. 40 kDa by SDS-PAGE |
| Amino acids | 1 to 331 |

Tags His tag C-Terminus
Additional sequence information GenBank: NM_002733

Specifications

Our **Abpromise guarantee** covers the use of **ab268337** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

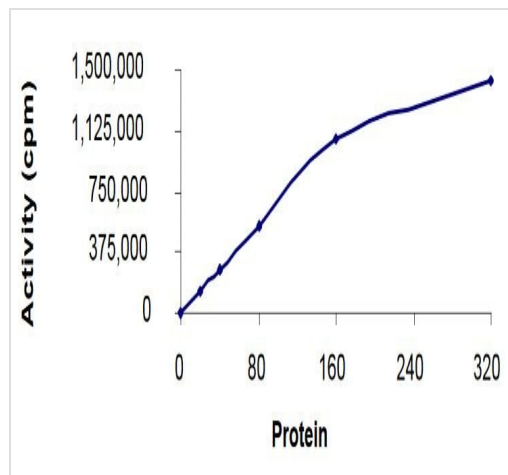
Applications SDS-PAGE
Functional Studies

Form Liquid

Preparation and Storage

Stability and Storage Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.
pH: 7.00
Preservative: 1.02% Imidazole
Constituents: 0.82% Sodium phosphate, 1.74% Sodium chloride, 0.002% PMSF, 0.03% DTT, 25% Glycerol (glycerin, glycerine)
This product is an active protein and may elicit a biological response in vivo, handle with caution.

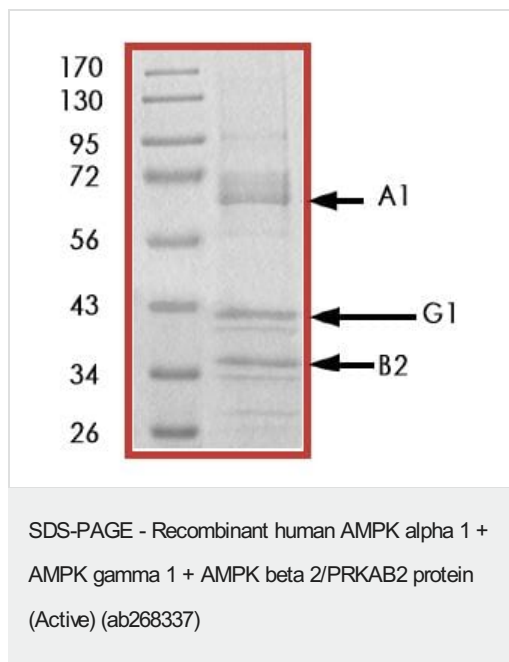
Images



The specific activity of ab268337 was 349 nmol/min/mg in a peptide kinase assay using SAMStide synthetic (HMRSAMSGHLHLVKRR) as substrate.

Functional Studies - Recombinant human AMPK alpha 1 + AMPK gamma 1 + AMPK beta 2/PRKAB2 protein (Active) (ab268337)

SDS-PAGE analysis of ab268337.



Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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