

Datasheet for ABIN2729577

PRKACB Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)[Go to Product page](#)**1** Image

Overview

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| Quantity: | 20 µg |
| Target: | PRKACB |
| Protein Characteristics: | Transcript Variant 2 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This PRKACB protein is labelled with Myc-DYKDDDDK Tag. |
| Application: | Antibody Production (AbP), Standard (STD) |

Product Details

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| Characteristics: | <ul style="list-style-type: none">• Recombinant human PRKACB (transcript variant 2) protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone |
| Purity: | > 80 % as determined by SDS-PAGE and Coomassie blue staining |

Target Details

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| Target: | PRKACB |
| Alternative Name: | Prkacb (PRKACB Products) |
| Background: | <p>The protein encoded by this gene is a member of the serine/threonine protein kinase family. The encoded protein is a catalytic subunit of cAMP (cyclic AMP)-dependent protein kinase, which mediates signalling through cAMP. cAMP signaling is important to a number of processes, including cell proliferation and differentiation. Multiple alternatively spliced transcript</p> |

Target Details

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| | variants encoding distinct isoforms have been observed. |
| Molecular Weight: | 40.4 kDa |
| NCBI Accession: | NP_002722 |
| Pathways: | AMPK Signaling , Hedgehog Signaling , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Thyroid Hormone Synthesis , Myometrial Relaxation and Contraction , M Phase , G-protein mediated Events , Interaction of EGFR with phospholipase C-gamma , Lipid Metabolism |

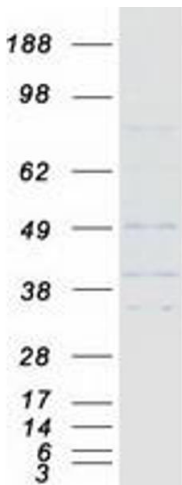
Application Details

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| Application Notes: | Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays |
| Comment: | The tag is located at the C-terminal. |
| Restrictions: | For Research Use only |

Handling

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| Concentration: | 50 µg/mL |
| Buffer: | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol. |
| Storage: | -80 °C |
| Storage Comment: | Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended. |

Images



Western Blotting

Image 1. Validation with Western Blot