

Datasheet for ABIN2728360

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

## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 20 µg  |
| Target:                       | PCCA   |
| Protein Characteristics:      | Transcript Variant 1                                 |
| Origin:                       | Human  |
| Source:                       | HEK-293 Cells  |
| Protein Type:                 | Recombinant  |
| Purification tag / Conjugate: | This PCCA protein is labelled with Myc-DYKDDDDK Tag. |
| Application:                  | Antibody Production (AbP), Standard (STD)            |

## Product Details

|                  |  |
|------------------|--|
| Characteristics: | <ul style="list-style-type: none"><li>• Recombinant human PCCA (transcript variant 1) protein expressed in HEK293 cells.</li><li>• Produced with end-sequenced ORF clone</li></ul> |
| Purity:          | > 80 % as determined by SDS-PAGE and Coomassie blue staining   |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | PCCA   |
| Alternative Name: | Pcca ( <a href="#">PCCA Products</a> )   |
| Background:       | The protein encoded by this gene is the alpha subunit of the heterodimeric mitochondrial enzyme Propionyl-CoA carboxylase. PCCA encodes the biotin-binding region of this enzyme. Mutations in either PCCA or PCCB (encoding the beta subunit) lead to an enzyme deficiency resulting in propionic acidemia. Multiple transcript variants encoding different isoforms have |

Target Details

|                   |   |
|-------------------|---|
|                   | been found for this gene.[provided by RefSeq, May 2010] |
| Molecular Weight: | 75 kDa  |
| NCBI Accession:   | <a href="#">NP_000273</a>                               |
| Pathways:         | <a href="#">Monocarboxylic Acid Catabolic Process</a>   |

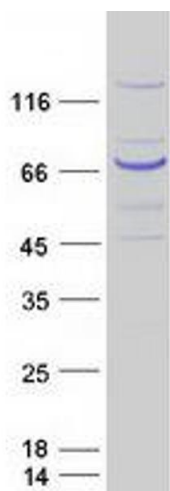
Application Details

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

Handling

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