

Datasheet for ABIN2729260

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

## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 20 µg  |
| Target:                       | PNMT   |
| Origin:                       | Human  |
| Source:                       | HEK-293 Cells  |
| Protein Type:                 | Recombinant  |
| Purification tag / Conjugate: | This PNMT 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 PNMT / PENT 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:           | PNMT   |
| Alternative Name: | Pnmt,pent ( <a href="#">PNMT Products</a> )  |
| Background:       | The product of this gene catalyzes the last step of the catecholamine biosynthesis pathway, which methylates norepinephrine to form epinephrine (adrenaline). The enzyme also has beta-carboline 2N-methyltransferase activity. This gene is thought to play a key step in regulating epinephrine production. Alternatively spliced transcript variants have been found for this gene. |
| Molecular Weight: | 30.7 kDa   |

## Target Details

NCBI Accession: [NP\\_002677](#)

Pathways: [Response to Water Deprivation](#)

## Application Details

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

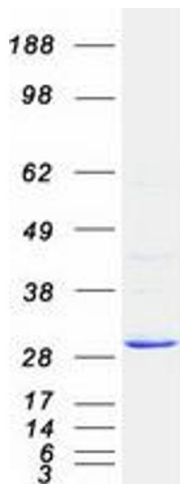
Concentration: 50 µg/mL

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