

Datasheet for ABIN935067  
**PNMT Protein (AA 1-282)**



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1 Image

## Overview

Quantity:	100 µg
Target:	PNMT
Protein Characteristics:	AA 1-282
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	MSGADRSPNA GAAPDSAPGQ AAVASAYQRF EPRAYLRNNY APPRGDLCNP NGVGPWKLRC LAQTFATGEV SGRTLIDIGS GPTVYQLLSA CSHFEDITMT DFLEVNRQEL GRWLQEEPGA FNWSMYSQHA CLIEGKGECW QDKERQLRAR VKRVLPIDVH QPQLGAGSP APLPADALVS AFCLEAVSPD LASFQRALDH ITLLRPGGH LLLIGALEES WYLAGEARLT WVPVSEEEVR EALVRSGYKV RDLRTYIMPA HLQTGVDDVK GVFFAWAQKV GL
Characteristics:	Purified recombinant Human PNMT protein Expression System: E.coli
Purity:	> 95 % pure

## Target Details

Target:	PNMT
Alternative Name:	PNMT ( <a href="#">PNMT Products</a> )

## Target Details

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**Background:** PNMT, also known as phenylethanolamine N-methyltransferase, is an enzyme found in the adrenal medulla that 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. Recombinant PNMT protein was expressed in E. coli and purified by using conventional chromatography techniques.

Alternative Names: PNMTase protein, Phenylethanolamine N-methyltransferase ", PENT protein, Noradrenaline-N-methyltransferase protein

**Molecular Weight:** 30.8 Da (282 AA)

**Pathways:** [Response to Water Deprivation](#)

## Application Details

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**Application Notes:** PNMT protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

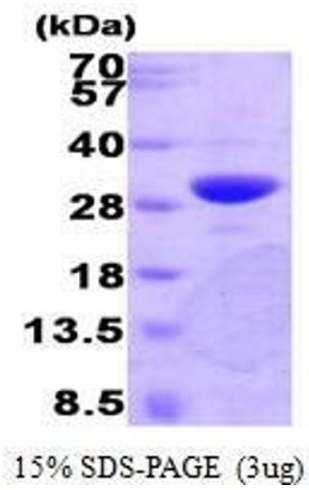
**Concentration:** 1 mg/mL

**Buffer:** Supplied as a liquid in 20 mM Tris-HCl buffer, pH 8.0, containing 10 % glycerol.

**Handling Advice:** Avoid repeated freeze/thaw cycles.

**Storage:** RT/-20 °C

**Storage Comment:** Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or -70 °C for long term storage.



#### SDS-PAGE

**Image 1.** Figure annotation denotes ug of protein loaded and % gel used.