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Product datasheet for AR09300PU-N

PNMT / PENT (1-282) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	PNMT / PENT (1-282) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MSGADRSPNA GAAPDSAPGQ AAVASAYQRF EPRAYLRNNY APPRGDLCNP NGVGPWKLRC LAQTFATGEV SGRTLIDIGS GPTVYQLLSA CSHFEDITMT DFLEVNRQEL GRWLQEEPGA FNWSMYSQHA CLIEGKGECW QDKERQLRAR VKRVLPIDVH QPQPLGAGSP APLPADALVS AFCLEAVSPD LASFQRALDH ITTLLRPGGH LLLIGALEES WYLAGEARLT VVPVSEEEVR EALVRSGYKV RDLRTYIMPA HLQTGVDDVK GVFFAWAQKV GL
Predicted MW:	30.8 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant PNMT protein was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_002677
Locus ID:	5409
UniProt ID:	P11086
Cytogenetics:	17q12
Synonyms:	PNMTase

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Summary: 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. [provided by RefSeq, Nov 2012]

Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, Tyrosine metabolism

Product images: