



Human PNMT peptide (DAG-P1903)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the NNMT/PNMT/TEMT family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	PNMT phenylethanolamine N-methyltransferase [Homo sapiens (human)]
Official Symbol	PNMT
Synonyms	PNMT; phenylethanolamine N-methyltransferase; PENT; PNMTase; phenylethanolamine N-methylase; noradrenaline N-methyltransferase;
Entrez Gene ID	5409
mRNA Refseq	NM_002686.4

Protein Refseq	NP_002677.1
UniProt ID	P11086
Chromosome Location	17q
Pathway	Amine-derived hormones, organism-specific biosystem; Biogenic Amine Synthesis, organism-specific biosystem; Catecholamine biosynthesis, organism-specific biosystem; Catecholamine biosynthesis, tyrosine => dopamine => noradrenaline => adrenaline, organism-specific biosystem; Catecholamine biosynthesis, tyrosine => dopamine => noradrenaline => adrenaline, conserved biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem; Tyrosine m
Function	phenylethanolamine N-methyltransferase activity;