

Phenylethanolamine-N-Methyltransferase Human Recombinant

Item Number	rAP-1979
Synonyms	PENT, PNMTase, Noradrenaline-N-methyltransferase, Phenylethanolamine N-methyltransferase, PNMT, MGC34570.
Description	Recombinant Human PNMT produced in E.Coli is a single, non-glycosylated polypeptide chain containing 282 amino acids (1-282 a.a.) and having a molecular mass of 30.8 kDa. PNMT is purified by conventional chromatographic techniques.
Uniprot Accession Number	P11086
Amino Acid Sequence	MSGADRSNA GAAPDSAPGQ AAVASAYQRF EPRAYLRNNY APPRGDLCNP NGVGPWKLRC LAQTFATGEV SGRTLIDIGS GPTVYQLLSA CSHFEDITMT DFLEVNQEL GRWLQEEPGA FNWS- MYSQHA CLIEGKGECW QDKERQLRAR VKRVLPIDVH QPQPLGAGSP APLPADALVS AFCLEAVSPD LASFQRALDH ITLLRPGGH LLLIGALEES WYLAGEARLT VVPVSEEEVR EALVRSGYKV RDLRTYIMPA HLQTGVDDVK GVFFAWAQKV GL.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The PNMT protein solution contains 20mM Tris-HCl, pH-8 & 10% Glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**