

Purine Nucleoside Phosphorylase Human Recombinant

Item Number	rAP-1577
Synonyms	Purine nucleoside phosphorylase, Inosine phosphorylase, NP, PUNP, PRO1837, FLJ94043, FLJ97288, FLJ97312, MGC117396, MGC125915, MGC125916, PNP.
Description	PNP Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 309 amino acids (1-289 a.a.) and having a molecular mass of 34.2kDa. The PNP is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P00491
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MENGYTYEDY KNTAEWLLSH TKHRPQVAII CGSGLGGLTD KLTQAQIFDY GEIPNFPRST VPGHAGRLVF GFLNGRACVM MQGRFHMYEG YPLWKVTFPV RVFHLLGVDL LVVNTAAGGL NPKFEVGDIM LIRDHINLPG FSGQNPLRGP NDERFGDRFP AMSDAY- DRTM RQRALSTWKQ MGEQRELQEG TYVMVAGPSF ETVAECRVLQ KLGADAVGMS TVPEVIVARH CGLRVFGFSL ITNKVIMDYE SLEKANHEEV LAAGKQAAQK LEQFVSILMA SIPLPKAS.
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 PNP solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 2mM DTT and 10% glycerol. Greater than 90.0% 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**