

Recombinant Human PNP Protein, GST-tagged

Cat. No. PNP-832H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PNP Protein(NP_000261)(1-289 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-289 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	MENGYTYEDYKNTAEWLLSHTKHPQVAIICGSGLGGLTDKLTQAQIFDYGEIPNFP RSTVPGHAGRLVFGFLNGRACVMMQGRFHMIEGYPLWKVTFPVRVFHLLGVDTLV VTNAAGGLNPKFEVGDIMLIRDHINLPGFSGQNPLRGPNDERFGDRFPAMSDAYDR TMRQRALSTWKQMGEQRELQEGTYVMVAGPSFETVAECRVLQKLGADAVGMSTV PEVIVARHCGLRVFGFSLITNKVIMDYESLEKANHEEVLAAGKQAAQKLEQFVSILMA SIPLPKAS
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details).

If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).

Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

GENE INFORMATION

Gene Name PNP purine nucleoside phosphorylase [Homo sapiens]

Official Symbol PNP

Synonyms PNP; purine nucleoside phosphorylase; NP, nucleoside phosphorylase; PUNP; inosine phosphorylase; purine-nucleoside:orthophosphate ribosyltransferase; NP; PRO1837; FLJ94043; FLJ97288; FLJ97312; MGC117396; MGC125915; MGC125916;

Gene ID 4860

mRNA Refseq NM_000270

Protein Refseq NP_000261

MIM 164050

UniProt ID P00491

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