SunLong Biotech Co.,LTD
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Recombinant Purine Nucleoside Phosphorylase (PNP)

Catalog Number: SIPC853Mu01 **Spec: 10ug**

Product Name	Recombinant Purine Nucleoside Phosphorylase (PNP)
Catalog Number	SIPC853Mu01
Organism Species	Mouse
Source	Prokaryotic expression
Host	E.coli
Residues	Met1~Asp286
Tags	N-terminal His Tag
Subcellular Location	Cytoplasm
Purity	> 95%
Traits	Freeze-dried powder
Buffer formulation	100mMNaHCO3, 500mMNaCl, pH8.3, containing 0.01% Sarcosyl, 5% Trehalose.
Original Concentration	200μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	5.6
Predicted Molecular Mass	35.7kDa
Accurate Molecular Mass	36kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH2O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

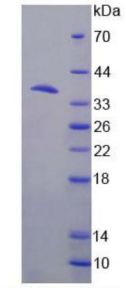
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by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

MENEFTYEDY ETTAKWLLQH TEYRPQVAVI CGSGLGGLTA HLKEAQIFDY
NEIPNFPQST VQGHAGRLVF GLLNGRCCVM MQGRFHMYEG YSLSKVTFPV
RVFHLLGVET LVVTNAAGGL NPNFEVGDIM LIRDHINLPG FCGQNPLRGP
NDERFGVRFP AMSDAYDRDM RQKAFTAWKQ MGEQRKLQEG TYVMLAGPNF
ETVAESRLLK MLGADAVGMS TVPEVIVARH CGLRVFGFSL ITNKVVMDYE
NLEKANHMEV LDAGKAAAQT LERFVSILME SIPLPD

[IDENTIFICATION]



15% SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.