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Datasheet for ABIN7197230

PNP Protein (His tag)

Overview

Quantity:	50 µg
Target:	PNP (NP)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PNP protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Purine nucleoside phosphorylase/PNP Protein (His Tag)
Sequence:	Met 1-Ser 289
Characteristics:	A DNA sequence encoding the human PNP (P00491) (Met 1-Ser 289) was fused with a polyhistidine tag at the C-terminus.
Purity:	> 97 % as determined by reducing SDS-PAGE.

Target Details

Target:	PNP (NP)
Alternative Name:	Purine nucleoside phosphorylase/PNP (NP Products)
Target Type:	Viral Protein
Background:	Background: RGMa, also known as RGM domain family, member A, belongs to the RGM (repulsive guidance molecule) family whose members are membrane-associated glycoprotein. RGMa is a glycosylphosphatidylinositol-anchored glycoprotein that functions as an axon

Target Details

guidance protein in the developing and adult central nervous system. It helps guide Retinal Ganglion Cell (RGC) axons to the tectum in the midbrain. RGMa has been implicated to play an important role in the developing brain and in the scar tissue that forms after a brain injury. This protein may also function as a tumor suppressor in some cancers.

Synonym: NP,PRO1837,PUNP

Molecular Weight: 33.5 kDa

UniProt: [P00491](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Ribonucleoside Biosynthetic Process](#), [Positive Regulation of Response to DNA Damage Stimulus](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, 25 % glycerol, pH 7.5

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.