

Recombinant Human PNKP Protein, MYC/DDK-tagged

Cat. No. PNKP-2145H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human PNKP protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293
Species	Human
Source	HEK293
Description	This locus represents a gene involved in DNA repair. In response to ionizing radiation or oxidative damage, the protein encoded by this locus catalyzes 5' phosphorylation and 3' dephosphorylation of nucleic acids. Mutations at this locus have been associated with microcephaly, seizures, and developmental delay.[provided by RefSeq, Sep 2010].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	56.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	PNKP polynucleotide kinase 3-phosphatase [Homo sapiens]
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Official Symbol	PNKP
Synonyms	AOA4; EIEE10; MCSZ; PNK
Gene ID	11284
mRNA Refseq	NM_007254
Protein Refseq	NP_009185
MIM	605610
UniProt ID	Q96T60

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