

Recombinant Full Length Human PNKD Protein, C-Flag-tagged

Cat. No. PNKD-642HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PNKD Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene is thought to play a role in the regulation of myofibrillogenesis. Mutations in this gene have been associated with the movement disorder paroxysmal non-kinesigenic dyskinesia. Alternative splicing results in multiple transcript variants.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	38.9 kDa
AA Sequence	MAAVVAATALKSRGARNARVLRGILAGATANKVSHNRTRALQSHSSSEGKEEPEPL SPELEYIPRKRGN PMKAVGLAWYSLYTRTWLGYLFYRQQLRRARNRYPKGHSKT QPRLFNGVKVLPVLSDNYSYLIIDTQA QLAVAVDPSDPRAVQASIEKEGVTLVAILC THKHWDHSGGNRDLRRHRDCRVYGSPQDGIPYLTHPLCH QDVVSVGRLQIRALA TPGHTQGHLVYLLDGEPIYKGPSCFLSGDLLFLSGCGRTFEGNAETMLSSLDTVLG L GDDTLLWPGHEYAEENLGFAGVVEPENLARERKMQWVQRQRLERKGTCPSTLGE ERSYNPFLRTHCLAL QEALGPGPGPTGDDDDYSRAQLLEELRRLKDMHKSCTRTRPLEQKLISEEDLAANDIL DYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	PNKD PNKD metallo-beta-lactamase domain containing [Homo sapiens (human)]
Official Symbol	PNKD
Synonyms	R1; MR1; PDC; DYT8; FPD1; MR-1; BRP17; MR-1S; PKND1; PNKD1; FKSG19; TAHCCP2; KIPP1184
Gene ID	25953
mRNA Refseq	NM_015488.5
Protein Refseq	NP_056303.3

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MIM 609023

UniProt ID Q8N490



Coomassie blue staining of purified PNKD protein.

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