

Product datasheet for TP306179L

Probable hydrolase PNKD (PNKD) (NM_015488) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human paroxysmal nonkinesigenic dyskinesia (PNKD), transcript variant 1, 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC206179 protein sequence
 Red=Cloning site Green=Tags(s)

MAAVVAATALKSRGARNARVLRGILAGATANKVSHNRTRALQSHSSSEGKEEPEPLSPELEYIPRKRKGN
 PMKAVGLAWYSLYTRTWLGYLFYRQQLRRARNRYPKGHSKTQPRFNGVKVLPVLSDNYSYLIIDTQA
 QLAVAVDPSDPRAVQASIEKEGVTLVAILCTHKKHWDHSGGNRDLSSRRHRDCRVYGPSQDGIPYLTHPLCH
 QDVSVGRLQIRALATPGHTQGHLVYLLDGEPYKGPSCFLSGDLLFLSGCGRTFEGNAETMLSSLDTVLG
 LGDDTLLWPGHEYAEENLGFAGVVEPENLARERKMQWVQRQLERKGTCPSTLGEERSYNPFLRTHCLAL
 QEALGPGPGPTGDDDDYSRAQLLEELRRLKDMHKS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 38.9 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_056303](#)



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Locus ID:	25953
UniProt ID:	Q8N490 , A0A024R415
RefSeq Size:	3129
Cytogenetics:	2q35
RefSeq ORF:	1155
Synonyms:	BRP17; DYT8; FKSG19; FPD1; KIPP1184; MR-1; MR-1S; MR1; PDC; PKND1; PNKD1; R1; TAHCCP2
Summary:	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. [provided by RefSeq, Mar 2010]
Protein Families:	Transmembrane

Product images:


Coomassie blue staining of purified PNKD protein (Cat# [TP306179]). The protein was produced from HEK293T cells transfected with PNKD cDNA clone (Cat# [RC206179]) using MegaTran 2.0 (Cat# [TT210002]).