

Product datasheet for TP306179

OriGene Technologies, Inc.

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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, 20 µg

Species: Human
Expression Host: HEK293T

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

MAAVVAATALKSRGARNARVLRGILAGATANKVSHNRTRALQSHSSSEGKEEPEPLSPELEYIPRKRGKN PMKAVGLAWYSLYTRTWLGYLFYRQQLRRARNRYPKGHSKTQPRLFNGVKVLPIPVLSDNYSYLIIDTQA QLAVAVDPSDPRAVQASIEKEGVTLVAILCTHKHWDHSGGNRDLSRRHRDCRVYGSPQDGIPYLTHPLCH QDVVSVGRLQIRALATPGHTQGHLVYLLDGEPYKGPSCLFSGDLLFLSGCGRTFEGNAETMLSSLDTVLG LGDDTLLWPGHEYAEENLGFAGVVEPENLARERKMQWVQRQRLERKGTCPSTLGEERSYNPFLRTHCLAL

QEALGPGPGPTGDDDYSRAQLLEELRRLKDMHKSK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 38.9 kDa

Concentration: $>0.05 \mu g/\mu L$ 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: <u>Q8N490</u>, <u>A0A024R415</u>

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

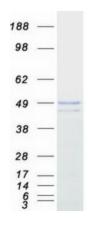
gene have been associated with the movement disorder paroxysmal non-kinesigenic

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]).