

Product datasheet for TP306179

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

MAAVVAATALKSRGARNARVLRGILAGATANKVSHNRTRALQSHSSSEGKEEPEPLSPELEYIPRKRKGN
PMKAVGLAWYSLYTRTWLGYLFYRQQLRRARNRYPKGHSKTQPRLFNGVKVLPVLSDNYSYLIIDTQA
QLAVAVDPSDPRAVQASIEKEGVTLVAILCTHKKHWDHSGGNRDLSSRRHRDCRVYGPSQDGIPYLTHPLCH
QDVSVGRLQIRALATPGHTQGHLVYLLDGEPYKGPSCLFSGDLLFLSGCGRTFEGNAETMLSSLDTVLG
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:	<u>NP_056303</u>



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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]).