

## Product datasheet for PH306179

### Probable hydrolase PNKD (PNKD) (NM\_015488) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	PNKD MS Standard C13 and N15-labeled recombinant protein (NP_056303)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206179
Predicted MW:	42.9 kDa
Protein Sequence:	>RC206179 protein sequence Red=Cloning site Green=Tags(s)
	<p>MAAVVAATALKSRGARNARVLRGILAGATANKVSHNRTRALQSHSSSEGKEEPEPLSPELEYIPRKRGN            PMKAVGLAWYSLYTRTWLGYLFYRQQLRRARNRYPKGHSKTQPRLFNGVKVLPPIVLSDNYSYLIIIDTQA            QLAVAVDPSDPRAVQASIEKEGVTLVAILCTHKHWDHSGGNRDLRRHRDCRVYGSPODGIPYLTHPLCH            QDVVSVGRLQIRALATPGHTQGHLVYLLDGEPIKGPSCLFSGDLLFLSGCGRTFEGNAETMLSSLDTVLG            LGDDTLLWPGHEYAEENLGFAGVVEPENLARERKMQWVQRQLERKGTCPSTLGEERSYNPFLRTHCLAL            QEALGPGPGPTGDDYSRAQLLEELRRLKDMHKS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_056303</a>
RefSeq Size:	3129
RefSeq ORF:	1155
Synonyms:	BRP17; DYT8; FKSG19; FPD1; KIPP1184; MR-1; MR-1S; MR1; PDC; PKND1; PNKD1; R1; TAHCCP2
Locus ID:	25953



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UniProt ID: [Q8N490](#), [A0A024R415](#)

Cytogenetics: 2q35

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]).