

## Product datasheet for PH308021

### PNMA1 (NM\_006029) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	PNMA1 MS Standard C13 and N15-labeled recombinant protein (NP_006020)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208021
Predicted MW:	39.8 kDa
Protein Sequence:	>RC208021 protein sequence Red=Cloning site Green=Tags(s)
	MAMTLLEDWCRGMDVNSQRALLVWGIPVNCDEAEIEETLQAAMPQVSYRMLGRMFWREENAKAALLELTG AVDYAAIPREMPGKGGVWVKLFPPTSDAEFLERLHLFLAREGWTVDVARVLGFQNPPTPGPEMPAEM LNYILDNVIQPLVESIWKRLTLFSGRDIPGPGGEETFDPWLEHTNEVLEEQVSDVEKRRRLMESLRGPA ADVIRILKSNNAITTAECKALEQVFGSVSSRDAQIKFLNTYQNPGEKLSAYVIRLEPLLQKVVEKGA IDKDNVNQARLEQVIAGANHSGAIRRLWLTGAGEGPAPNLFQLLVQIREEEAKEEEEEAEATLLQLGLE GHF
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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:	<u>NP_006020</u>
RefSeq Size:	2666
RefSeq ORF:	1059
Synonyms:	MA1
Locus ID:	9240



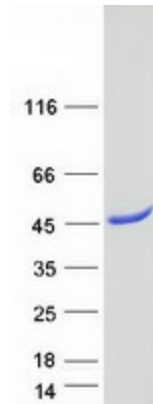
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UniProt ID: [Q8ND90](#)

Cytogenetics: 14q24.3

**Summary:** This gene encodes a neuron- and testis-specific protein that is also expressed in some paraneoplastic syndromes affecting the nervous system. Some patients with neurologic disorders develop antibodies against the protein encoded by this gene. The identification of the antineuronal antibodies in the sera of these patients has facilitated the diagnosis of paraneoplastic neurological disorders and the early detection of the associated tumors. [provided by RefSeq, Feb 2014]

### Product images:



Coomassie blue staining of purified PNMA1 protein (Cat# [TP308021]). The protein was produced from HEK293T cells transfected with PNMA1 cDNA clone (Cat# [RC208021]) using MegaTran 2.0 (Cat# [TT210002]).