

## Product datasheet for PH304268

### GNPNAT1 (NM\_198066) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	GNPNAT1 MS Standard C13 and N15-labeled recombinant protein (NP_932332)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204268
Predicted MW:	20.7 kDa
Protein Sequence:	>RC204268 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MKPDETPMFDPSLLKEVDWSQNTATFSPAISPHTHPGEGVLRLPLCTADLNRGFFKVLGQLTETGVVSPEQ FMKSFEHMKKSGDYVTVVEDVTLGQIVATATLIIIEHKFIHSCAKRGRVEDVVVSDECRGKQLGKLLLST LTLLSKKLNCKYKITLECLPQNVGFYKKGTYVSEENYMCRRLK  <b>TR</b> TRPLEQKLISEEDLAANDILDYKDDDDKV
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_932332</a>
RefSeq Size:	3945
RefSeq ORF:	552
Synonyms:	GNA1; GNPAT; Gpnat1
Locus ID:	64841
UniProt ID:	<a href="#">Q96EK6</a> , <a href="#">A0A024R649</a>

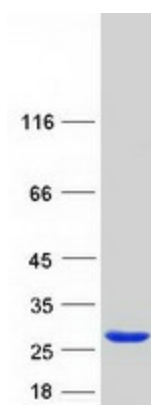


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Cytogenetics: 14q22.1

Protein Pathways: Amino sugar and nucleotide sugar metabolism

### Product images:



Coomassie blue staining of purified GNPAT1 protein (Cat# [TP304268]). The protein was produced from HEK293T cells transfected with GNPAT1 cDNA clone (Cat# [RC204268]) using MegaTran 2.0 (Cat# [TT210002]).