

## Product datasheet for PH304376

### NUDT18 (NM\_024815) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	NUDT18 MS Standard C13 and N15-labeled recombinant protein (NP_079091)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204376
Predicted MW:	35.3 kDa
Protein Sequence:	>RC204376 representing NM_024815 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MASEGLAGALASVLAGQGSSVHSCDSAPAGEPPAPVRLRKNVCYVVLAVFLSEQDEVLLIQEAKRECRGS WYLPAGRMEPGETIVEALQREVKEEAGLHCEPETLLSVEERGPSWVRFVFLARPTGGILKTSKEADAESL QAAWYPRTPSLPTLRAHDILHLVELAAQYRQARHPLILPQELPCDLVCQRLVATFTSAQTVWVLVGTVG MPHLPVTACGLDPMEQRGGMKMAVLRLLQECLTLHHLVVEIKGLLGLQHLGRDHS DGICLNVLVTVAFRS PGIQDEPPKVRGENFSWWKVMEE DLQSLLQRLQGSSVVPVNR  <b>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</b>
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><a href="#">NP_079091</a></u>
RefSeq Size:	1519
RefSeq ORF:	969
Synonyms:	MTH3
Locus ID:	79873



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UniProt ID: [Q6ZVK8](#)

Cytogenetics: 8p21.3

**Summary:** The protein encoded by this gene is a member of the Nudix hydrolase family. Nudix hydrolases eliminate potentially toxic nucleotide metabolites from the cell and regulate the concentrations and availability of many different nucleotide substrates, cofactors, and signaling molecules. This protein contains a Nudix hydrolase domain and hydrolyzes oxidized forms of guanosine and deoxyguanosine diphosphates. [provided by RefSeq, Sep 2012]

### Product images:



Coomassie blue staining of purified NUDT18 protein (Cat# [TP304376]). The protein was produced from HEK293T cells transfected with NUDT18 cDNA clone (Cat# [RC204376]) using MegaTran 2.0 (Cat# [TT210002]).