

## Product datasheet for PH324597

### Cyt 19 (AS3MT) (NM\_020682) Human Mass Spec Standard

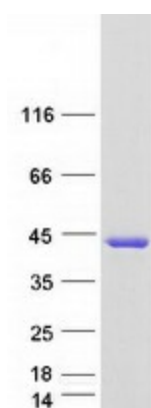
#### Product data:

Product Type:	Mass Spec Standards
Description:	AS3MT MS Standard C13 and N15-labeled recombinant protein (NP_065733)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224597
Predicted MW:	41.6 kDa
Protein Sequence:	>RC224597 representing NM_020682 Red=Cloning site Green=Tags(s)
	<p>MAALRDAEIQKDVQTYYGQVLKRSADLQTNGCVTTARVPKHIRREALQNVHEEVALRYYGCGLVIPEHLE NCWILDLGSGSRDCYVLSQLVGEKGHVTGIDMTKGQVEVAEKYLDYHMEKYGFQASNVTFIHGYIEKLG EAGIKNESHDI VVSNCV INLVDPKQQVLQEAYRVLKHGGELYFSDVYTSLELPEEIRTHKVLWGECLGGA LYWKE LAVLAQKIGFCPPRLVTANLITIQNKELERVIGDCRFVSATFRLFKHSKTGPTKRCQVIYNGGIT GHEKELMFDANFTFKEGEIVEVDEETAAILKNSRFAQDFLIRPIGEKLP TSGGCSALELKDIITDPFKLA EESDSMKSRCPDAAGGCCGTTKSC</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</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_065733</a>
RefSeq Size:	2477
RefSeq ORF:	1125
Synonyms:	CYT19
Locus ID:	57412



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UniProt ID:	<a href="#">Q9HBK9</a>
Cytogenetics:	10q24.32
Summary:	AS3MT catalyzes the transfer of a methyl group from S-adenosyl-L-methionine (AdoMet) to trivalent arsenical and may play a role in arsenic metabolism (Lin et al., 2002 [PubMed 11790780]).[supplied by OMIM, Mar 2008]
Protein Families:	Druggable Genome

**Product images:**

Coomassie blue staining of purified AS3MT protein (Cat# [TP324597]). The protein was produced from HEK293T cells transfected with AS3MT cDNA clone (Cat# [RC224597]) using MegaTran 2.0 (Cat# [TT210002]).