

Product datasheet for **TP324597L**

Cyt 19 (AS3MT) (NM_020682) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human arsenic (+3 oxidation state) methyltransferase (AS3MT), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC224597 representing NM_020682 Red =Cloning site Green =Tags(s)

MAALRDAEIQKDVQTYYGQVLKRSADLQTNGCVTTARPVPHIREALQNVHEEVALRYYGCGLVIPEHLE
NCWILDLDGSGSRDCYVLSQLVGEKGHVTGIDMTKGQVEVAEKYLDYHMEKYGFQASNVTFIHGYIEKLG
EAGIKNESHDIIVSNVCINLVPDKQQVLQEAAYRVLKHGGELYFSDVYTSLELPEEIRTHKVLWGECLGGA
LYWKELAVLAQKIGFCPPRLVTANLITIQNKELERVIGDCRFVSATFRLFKHSKTGPTKRCQVIYNGGIT
GHEKELMFDANFTFKEGEIVEVDEETAAILKNSRFAQDFLIRPIGEKLPSTGGCSALELKDIITDPFKLA
EESDSMKSRCPDAAGGCCGKKSC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

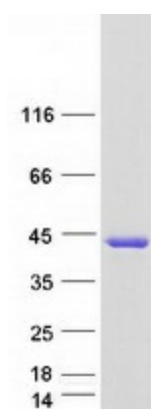
Tag:	C-Myc/DDK
Predicted MW:	41.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_065733
Locus ID:	57412



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UniProt ID:	Q9HBK9
RefSeq Size:	2477
Cytogenetics:	10q24.32
RefSeq ORF:	1125
Synonyms:	CYT19
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]).