

Recombinant Human AS3MT Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. AS3MT-2431H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	AS3MT MS Standard C13 and N15-labeled recombinant protein (NP_065733) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	41.6 kDa
AA Sequence	MAALRDAEIQKDVQTYYGQVLKRSADLQTNGCVTTARPVPKHIREALQNVHEEVAL RYYGCGLVIPEHLENCWILDLGSGSGRDCYVLSQLVGEKGHVTGIDMTKGQVEVAE KYLDYHMEKYGFQASNVTFIHGYIEKLGEAGIKNESHDIIVVSNVCINLVPDKQQVLQE AYRVLKHGGELYFSDVYTSLELPEEIRTHKVLWGECLGGALYWKELAVLAQKIGFCP PRLVTANLITIQNKELELVIGDCRFVSATFRLFKHSGTKGPTKRCQVIYNGGITGHEKEL MFDANFTFKEGEIVEVDEETAAILKNSRFAQDFLIRPIGEKLPTSGGCSALELKDIITDP FKLAEESDSMKSRCVPDAAGGCCGTTKSKTRTRPLEQKLISEEDLAANDILDYKDDD DKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name AS3MT arsenite methyltransferase [Homo sapiens (human)]

Official Symbol AS3MT

Synonyms AS3MT; arsenic (+3 oxidation state) methyltransferase; arsenite methyltransferase; CYT19; methyltransferase cyt19; methylarsonite methyltransferase; S-adenosylmethionine:arsenic (III) methyltransferase; S-adenosyl-L-methionine:arsenic(III) methyltransferase; RP11-753C18.6;

Gene ID 57412

mRNA Refseq NM_020682

Protein Refseq NP_065733

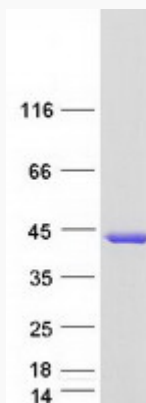
MIM 611806

UniProt ID Q9HBK9

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SDS-PAGE

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