

Recombinant Human AS3MT protein, GST-tagged

Cat. No. AS3MT-877H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AS3MT full-length ORF (AA160057.1, 1 a.a. - 375 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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 (Lin et al., 2002 [PubMed 11790780]).[supplied by OMIM, Mar 2008]
Molecular Mass	67.65 kDa
AA Sequence	MAALRDAEIQKDVQTYYGQVLKRSADLQTNGCVTTARPVPKHIREALQNVHEEVAL RYYGCGLVIPEHLENCWILDLGSGSGRDCYVLSQLVGEKGHVTGIDMTKGQVEVAE KYLDYHMEKYGFQASNVTFIHGYIEKLGEAGIKNESHDIIVVSNVCINLVPDKQQVLQE AYRVLKHGGELYFSDVYTSLELPEEIRTHKVLWGECLGGALYWKELAVLAQKIGFCP PRLVTANLITIQNKELELVIGDCRFVSATFRLFKHSGTKGPTKRCQVIYNGGITGHEKEL MFDANFTFKEGEIVEVDEETAAILKNSRFAQDFLIRPIGEKLPTSGGCSALELKDIITDP FKLAEESDSMKSRCVPDAAGGCCGTTKSC
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name AS3MT arsenic (+3 oxidation state) methyltransferase [Homo sapiens]

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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