

Recombinant Full Length Human AS3MT Protein, GST-tagged

Cat. No. AS3MT-1256HF **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	In Vitro Cell Free System
ProteinLength	375 amino acids
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	MAALRDAEIQ KDVQTYYGQV LKRSADLQTN GCVTTARPVP KHIREALQNV HEEVALRYYG CGLVIEHLE NCWILDLGSG SGRDCYVLSQ LVGEKGHVTG IDMTKGQVEV AEKYLDYHME KYGFQASNVT FIHGYIEKLG EAGIKNESH IVVSNVCVNL VPDKQQLQE AYRVLKHGGE LYFSDVYTSL ELPEEIRTHK VLWGECLGGA LYWKELAVLA QKIGFCPPRL VTANLITIQN KELERVIGDC RFVSATFRLF KHSKTGPTKR CQVIYNGGIT GHEKELMFDA NPTFKEGEIV EVDEETAAIL KNSRFAQDFL IRPIGEKLPT SGGCSALELK DIITDPFKLA EESDSMKSRC VPDAAGGCCG TKKSC
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);

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Antibody Production; Protein Array

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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