# Recombinant Full Length Human AS3MT Protein, GST-tagged

**Cat. No.** AS3MT-1256HF **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Human AS3MT full-length ORF ( AAI60057.1, 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 CGLVIPEHLE NCWILDLGSG SGRDCYVLSQ LVGEKGHVTG IDMTKGQVEV AEKYLDYHME KYGFQASNVT FIHGYIEKLG EAGIKNESHD IVVSNCVINL VPDKQQVLQE AYRVLKHGGE LYFSDVYTSL ELPEEIRTHK VLWGECLGGA LYWKELAVLA QKIGFCPPRL VTANLITIQN KELERVIGDC RFVSATFRLF KHSKTGPTKR CQVIYNGGIT GHEKELMFDA NFTFKEGEIV EVDEETAAIL KNSRFAQDFL IRPIGEKLPT SGGCSALELK DIITDPFKLA EESDSMKSRC VPDAAGGCCG TKKSC |
| **Applications** | Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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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

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| **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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