

Recombinant Human AS3MT protein, GST-tagged

Cat. No. AS3MT-3702H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AS3MT protein(1-100 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-100 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AASequence	MAALRDAEIQKDVQTYYGQVLKRSADLQTNGCVTTARPVPKHIREALQNVHEEVAL RYYGCGLVIPEHLENCWILDLGSGSGRDCYVLSQLVGEKGHVTG
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 µg/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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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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