Recombinant Human AS3MT protein, His-tagged

Cat. No. AS3MT-2688H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AS3MT protein(1-100 aa), fused to His 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 Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MAALRDAEIQKDVQTYYGQVLKRSADLQTNGCVTTARPVPKHIREALQNVHEEVAL RYYGCGLVIPEHLENCWILDLGSGSGRDCYVLSQLVGEKGHVTG
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 ḡ/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

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	storage.

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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