

Human AS3MT Recombinant Protein



RPPB1416

Product Information Protein Information

Product SKU:

RPPB1416

Accession:

Q9HBK9

Host:

Escherichia Coli.

Protein description:

AS3MT Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 399 amino acids (1-375 a.a.) and having a molecular mass of 44.3kDa. AS3MT is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Arsenite methyltransferase, Methylarsonite methyltransferase, S-adenosyl-L-methionine:arsenic(III) methyltransferase, AS3MT, CYT19, RP11-753C18.6.

Formulation:

AS3MT protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.15M NaCl.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSHEMAALRD AEIQKDVQTY YGQVLKRSAD LQTNGCVTTA RPVPKHIREA
LQNVHEEVAL RYYGCLVIP EHLNCWILD LGSGSRDCY VLSQLVGEKG HVTGIDMTKG QVEVAEKYLD
YHMEKYGFQA SNVTFIHGYI EKLGEAGIKN ESHDIVSNCVINLVPDKQQ VLQEAYRVLK HGGELYFSDV
YTSLELPEEI RTHKVLWGEC LGGALYWKEL AVLAQKIGFC PRLVTANLI TIQNKELERV IGDCRFVSAT
FRLFKHSKTG PTKRCQVIYN GGITGHEKEL MFDANFTFKE GEIVEVDEET AAILKNSRFA QDFLIRPIGE
KLPTSGGCSA LELKDIITDP FKLAESDSM KSRCVPDAAG GCCGTTKSC.