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AS3MT, 1-375aa, Human, His tag, E.coli

产品货号: TP01240

第三版

别名: Arsenic (+3 oxidation state) methyltransferase, CYT19, RP11-753C18.6.

描述: 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. Recombinant human AS3MT protein, fused to His-tag at Nterminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.15M NaCl

分子量: 44.3kDa(399aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMAALRDAEIQKDVQTYYGQVLKRSADLQTNQCVTTARPVPKHIREALQNVHEE
VALRYYGCGLVIPEHLENCWILDGSGSRDCYVLSQLVGEKGHVTDGIDMTKGQVEVAEKYLDYHMEKYGFQASNVTFI
HGYIEKLGEGIKNESHDIIVSNCVINLVDPKQQVLQEAYRVLKHGGELYFSDVYTSLELPEEIRTHKVLWGECLGGALY
WKELAVLAQKIGFCPPRLVTANLITIQNKELERVIGDCRFVSATFRLFKHSGTKGPTKRCQVIYNGGITGHEKELMFDANFTF
KEGEIVEVDEETAAILKNSRFAQDFLIRPIGEKLPSTGGCSALELKDIIITDPFKLAEESDSMKSRCPDAAGGCCGTTKSC

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.