

Product datasheet for TP324597

Cyt 19 (AS3MT) (NM_020682) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human arsenic (+3 oxidation state) methyltransferase (AS3MT), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC224597 representing NM_020682
Red=Cloning site Green=Tags(s)

MAALRDAEIQKDVQTYYGQVLKRSADLQTNGCVTTARPVPHIREALQNVHEEVALRYYGCGLVIPEHLE
 NCWILDLDGSGSRDCYVLSQLVGEKGHVTGIDMTKGQVEVAEKYLDYHMEKYGFQASNVTFIHGYIEKLG
 EAGIKNESHDIIVSNCVINLVPDKQQVLQEAAYRVLKHGGELYFSDVYTSLELPPEIRTHKVLWGECLGGA
 LYWKELAVLAQKIGFCPPRLVTANLITIQNKELERVIGDCRFVSATFRLFKHSTGPTKRCQVIYNGGIT
 GHEKELMFDANFTFKEGEIVEVDEETAAILKNSRFAQDFLIRPIGEKLPSTGGCSALELKDIITDPFKLA
 EESDSMKSRCPDAAGGCCGKKSC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

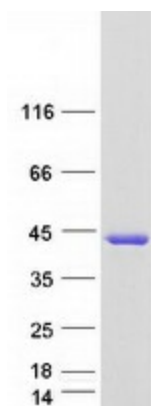
Tag: C-Myc/DDK
Predicted MW: 41.6 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C.
Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq: [NP_065733](#)
Locus ID: 57412



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| | |
|-------------------|---|
| UniProt ID: | Q9HBK9 |
| RefSeq Size: | 2477 |
| Cytogenetics: | 10q24.32 |
| RefSeq ORF: | 1125 |
| Synonyms: | CYT19 |
| Summary: | 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] |
| Protein Families: | Druggable Genome |

Product images:



Coomassie blue staining of purified AS3MT protein (Cat# TP324597). The protein was produced from HEK293T cells transfected with AS3MT cDNA clone (Cat# [RC224597]) using MegaTran 2.0 (Cat# [TT210002]).