

Product datasheet for **TP504954**

Amd1 (NM_009665) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse S-adenosylmethionine decarboxylase 1 (Amd1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204954 representing NM_009665 Red =Cloning site Green =Tags(s)

MEAAHFFEGTEKLLVWFSRQQSDASQSGDLRTIPRSEWDVLLKDVQCSII SVTKTDKQEAYVLSSESM
FVSKRRFILKTCGTTLLLKALVPLLKLARDYSGFDSIQSFFYSRKNFMKPSHQGYPHRNFQEEIEFLNAI
FPNGAAYCMGRMNSDCWYLYTLDFPESRVISQPDQTL EILMSELDPAVMDQFYMKDGVTAKDVTRESGIR
DLIPGSVIDATL FNPCGYSMNGMKSDGTYWTIHITPEPEFSYVSFETNLSQTSYDDLIRKVVVEFKPGKF
VTTLFVNQSSKCRTVLSSPQKIDGFKRLDCQSAMFNDYNFVFTSFAKKQQQQS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	38.3 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
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 after receiving vials.
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_033795
Locus ID:	11702
UniProt ID:	P0DMN7



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RefSeq Size:	3206
Cytogenetics:	10 21.85 cM
RefSeq ORF:	1002
Synonyms:	AdoMetDC; adoMetDC1; Amd-1; SAMDC; SAMDC 1
Summary:	Essential for biosynthesis of the polyamines spermidine and spermine. Promotes maintenance and self-renewal of embryonic stem cells, by maintaining spermine levels. [UniProtKB/Swiss-Prot Function]