

Recombinant Human AMD1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. AMD1-619H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	AMD1 MS Standard C13 and N15-labeled recombinant protein (NP_001625) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes an important intermediate enzyme in polyamine biosynthesis. The polyamines spermine, spermidine, and putrescine are low-molecular-weight aliphatic amines essential for cellular proliferation and tumor promotion. Multiple alternatively spliced transcript variants have been identified. Pseudogenes of this gene are found on chromosomes 5, 6, 10, X and Y.
Molecular Mass	38.2 kDa
AA Sequence	MEAAHFFEGTEKLLEVWFSRQQPDANQGSGDLRTIPRSEWDILLKDVQCSIISVTKT DKQEAYVLSESSMFVSKRRFILKTCGTTLLKALVPLLKLARDYSGFDSIQSFFYSRK NFMKPSHQGYPHRNFQEEIEFLNAIFPNGAAYCMGRMNSDCWYLYTLDFPESRVIS QPDQTLLEILMSELDPAVMDQFYMKDGVTAKDVTRESGIRDLIPGSVIDATMFNPCGY SMNGMKSDGTYWTIHITPEPEFSYVSFETNLSQTSYDDLIRKVVVEVFKPGKFVTTTLFV NQSSKCRTVLASPQKIEGFKRLDCQSAMFNDYNFVFTSFAKKQQQQQSTRTRPLEQ KLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

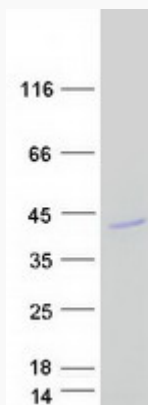
GENE INFORMATION

Gene Name	AMD1 adenosylmethionine decarboxylase 1 [Homo sapiens (human)]
Official Symbol	AMD1
Synonyms	AMD1; adenosylmethionine decarboxylase 1; S adenosylmethionine decarboxylase 1; S-adenosylmethionine decarboxylase proenzyme; SAMDC; S-adenosylmethionine decarboxylase 1; AMD; ADOMETDC; FLJ26964; DKFZp313L1234;
Gene ID	262
mRNA Refseq	NM_001634
Protein Refseq	NP_001625
MIM	180980
UniProt ID	P17707

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SDS-PAGE

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