

Recombinant Full Length Human AMD1 Protein, Flag tagged

Cat. No. AMD1-33HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human adenosylmethionine decarboxylase 1 (AMD1), transcript variant 1 with C-Flag tag was expressed in HEK293T.
Species	Human
Source	HEK293T
ProteinLength	1-334 aa
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.
Form	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Molecular Mass	38.2 kDa
AASequence	MEAAHFFEGTEKLLEWFSRQQPDANQGSGDLRTIPRSEWDILLKDVQCSIISVTKT DKQEAYVLSESSMFVSKRRFILKTCGTTLLKALVPLLKLARDYSGFDSIQSFFYSRK NFMKPSHQGYPHRNFQEEIEFLNAIFPNGAAYCMGRMNSDCWYLYTLDFPESRVIS QPDQTLLEILMSELDPAVMDQFYMKDGVTAKDVTRESGIRDLPGSVIDATMFNPCGY SMNGMKSDGTYWTIHITPEPEFSYVSFETNLSQTSYDDLIRKVVEVFKPGKFVTTLFV NQSSKCRTVLASPQKIEGFKRLDCQSAMFNDYNFVFTSFAKKQQQQQSTRTRPLEQ

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KLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Notes 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 centigrade. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Concentration > 0.05 µg/µL as determined by microplate BCA method

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](#)

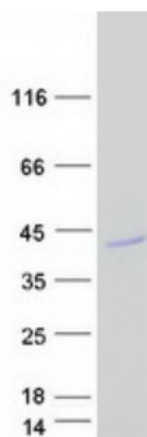
MIM [180980](#)

UniProt ID [P17707](#)

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SDS-PAGE

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