

Recombinant Human AMD1 protein, T7-tagged

Cat. No. AMD1-122H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human AMD1 fused with T7 Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Form	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQQMGRGEFGSEAAHFFEGTEKLLEVWFSRQQPDANQGSGDLRTIPRS EWDILLKDVQCSIISVTKTDK QEAYVLSESSMFVSKRRFILKTCGTTLLLKALVPLLKL ARDYSGFDSIQSFFYSRKNFMKPSHQGYPHRNFQEEI EFLNAIFPNGAAYCMGRMN SDCWYLYTLDFPESRVISQPDQTLEILMSELDPAVMDQFYMKDGVTAKDVTRESGI RDLIPGSVIDATMFNPGYSMNGMKS DGTYWTIHITPEPEFSYVSFETNLSQTSYDD LIRKVVEVFKPGKFVTTL FVNQSSKCRTLASPQKIEGFKRLDCQSAMFNDYNFVFT SFAKKQQQQQS
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro human polyamine biosynthesis regulation study.2. May be used as specific substrate protein for kinase and ubiquitin enzymes.3. May be used as cancer biomarker for diagnosis application development.
Storage	Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.

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GENE INFORMATION

Gene Name	AMD1 adenosylmethionine decarboxylase 1 [Homo sapiens]
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_001033059
Protein Refseq	NP_001028231
MIM	180980
UniProt ID	P17707
Chromosome Location	6q21
Pathway	Arginine and proline metabolism, organism-specific biosystem; Arginine and proline metabolism, conserved biosystem; Cysteine and methionine metabolism, organism-specific biosystem; Cysteine and methionine metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem;
Function	adenosylmethionine decarboxylase activity; adenosylmethionine decarboxylase activity; lyase activity;

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