

Recombinant Full Length Human AMD1 Protein, GST-tagged

Cat. No. AMD1-1025HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AMD1 full-length ORF (NP_001625.2, 1 a.a. - 334 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	334 amino acids
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. [provided by RefSeq, Dec 2013]
Molecular Mass	64.7 kDa
AA Sequence	MEAAHFFEGT EKLLEWFSR QQPDANQGSG DLRTIPRSEW DILLKDVQCS IISVTKTDKQ EAYVLSESSM FVSKRRFILK TCGTLLLLKA LVPLLKLARD YSGFDSIQSF FYSRKNFMKP SHQGYPHRNF QEEIEFLNAI FPNGAAYCMG RMNSDCWYLY TLDPEESRVI SQPDQTLEIL MSELDPVMD QFYMKDGVTA KDVTRSGIR DLIPGSVIDA TMFNPCGYSM NGMKSDGTYW TIHITPEPEF SYVSFETNLS QTSYDDLIRK VVEVFKPGKF VTTLFVNQSS KCRTVLASPQ KIEGFKRLDC QSAMFNDYNF VFTSFAKKQQ QQQS

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Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

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