

Product datasheet for **AR50429PU-S**

AMD1 (68-334, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	AMD1 (68-334, His-tag) human recombinant protein, 10 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMMSSMFV SKRRFILKTC GTLLLLKALV PLLKLARDYS GFDSIQSFFY SRKNFMKPSH QGYPHRNFQE EIEFLNAIFP NGAAYCMGRM NSDCWYLYTL DFPESRVISQ PDQTLLEILMS ELDPVMDQF YMKDGVTAKD VTRESGIRDL IPGVIDATM FNPCGYSMNG MKSDGTYWTI HITPEPEFSY VSFETNLSQT SYDDLIRKVV EVFKPGKFVT TLFVNQSSKC RTVLASPQKI EGFKRLDCQS AMFNDYNFVF TSFAKKQQQQ QS
Tag:	His-tag
Predicted MW:	33.4 kDa
Concentration:	lot specific
Purity:	>80% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human AMD1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001274143
Locus ID:	262
UniProt ID:	B4DZ60 , A0A088AWN0
Cytogenetics:	6q21
Synonyms:	ADOMETDC; AMD; SAMDC



[View online »](#)

Summary:

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]

Protein Families:

Druggable Genome

Protein Pathways:

Arginine and proline metabolism, Cysteine and methionine metabolism, Metabolic pathways

Product images: