

Adenosylmethionine Decarboxylase 1 Human Recombinant

Item Number	rAP-0969
Synonyms	Adenosylmethionine decarboxylase 1, S-adenosylmethionine decarboxylase proenzyme, AdoMetDC, S-adenosylmethionine decarboxylase 1, SAMDC, AMD, EC 4.1.1.50.
Description	AMD1 Human Recombinant produced in <i>E. coli</i> is a single polypeptide chain containing 292 amino acids (68-334) and having a molecular mass of 33.4 kDa. AMD1 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P17707
Amino Acid Sequence	GSSHHHHHH SSGLVPRGSH MGSHMSSMFV SKRRFILKTC GTLLLKALV PLLKLARDYS GFDSIQSFFY SRKNFMKPSH QGYPHRNFQE EIEFLNAIFP NGAAYCMGRM NSDCWYLYTL DFPESRVISQ PDQTEILMS ELDPAVMDQF YMKGDGVTAKD VTRESGIRDL IPGSVIDATM FNPCGYSMNG MKS-DGTYWTI HITPEPEFSY VSFETNLSQT SYDDLIRKVV EVFKPGKFVT TLFVNQSSKC RTVLASPQKI EGFKRLDCQS AMFNDYNFVF TSFAKKQQQQ QS
Source	<i>E.coli</i> .
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The AMD1 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 20% glycerol. Greater than 80% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**