

Recombinant Human AMD1 protein, GST-tagged

Cat. No. AMD1-7543H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AMD1 protein(149-334 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	149-334 aa
Tag	N-GST
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

AA Sequence

MGRMNSDCWYLYTLDFPESRVISQPDQTLEILMSELDPAVMDQFYMKGVTAKDVT
 RESGIRDLIPGSVIDATMFNPGYSMNGMKSDGTYWTIHITPEPEFSYVSFETNLSQT
 SYDDLIRKVVVEVFKPGKFVTTLFVNQSSKCRTVLASPQKIEGFKRLDCQSAMFNDYN
 FVFTSFAKKQQQQQS

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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SDS-PAGE

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