

Recombinant HUMAN A2LD1

Cat. No. A2LD1-3035H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A2LD1
Species	Human
Source	E.coli
ProteinLength	153
Description	The protein encoded by this gene aids in the proteolytic degradation of crosslinked fibrin by breaking down isodipeptide L-gamma-glutamyl-L-epsilon-lysine, a byproduct of fibrin degradation. The reaction catalyzed by the encoded gamma-glutamylaminocyclotransferase produces 5-oxo-L-proline and a free alkylamine. Two transcript variants encoding the same protein have been found for this gene.[provided by RefSeq, Aug 2010]
Form	The A2LD1 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl. Physical Appearance: Sterile Filtered colorless solution.
Molecular Mass	17,329 Da
Purity	Greater than 95.0% as determined by SDS-PAGE.
Notes	Small volumes of A2LD1 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's

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cap. Certain products may require to ship with dry ice.

Storage

ACTG-1 although stable at 4 degree C for 1 week, should be stored desiccated below -18 degree C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Warning

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name

[A2LD1 AIG2-like domain 1 \[Homo sapiens \]](#)

Official Symbol

A2LD1

Synonyms

A2LD1; AIG2-like domain 1; gamma-glutamylaminecyclotransferase; gamma glutamylamine cyclotransferase; GGACT; gamma-glutamylamine cyclotransferase; AIG2-like domain-containing protein 1;

Gene ID

[87769](#)

mRNA Refseq

[NM_001195087](#)

Protein Refseq

[NP_001182016](#)

MIM

[613378](#)

UniProt ID

[Q9BVM4](#)

**Chromosome
Location**

13q32.3

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Function

gamma-glutamylcyclotransferase activity; transferase activity, transferring acyl groups;

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