

## Product datasheet for **AR09899PU-L**

### A2LD1 (1-153, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	A2LD1 (1-153, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MALVFVYGT L KRGQPNHRVL RDGAHGSAAF RARGRTLEPY PLVIAGEHNI PWLLHLP GSG RLVEGEVYAV DERMLRFLDD FESCPALYQR TVLRVQLLED RAPGAEPPA PTAVQCFVYS RATFPPEWAQ LPHHDSYDSE GPHGLRYNPR ENR
Tag:	His-tag
Predicted MW:	19.4 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human A2LD1 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 up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001182016</u>
Locus ID:	87769
UniProt ID:	<u>Q9BVM4</u>
Cytogenetics:	13q32.3
Synonyms:	A2LD1



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**Summary:**

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]

**Product images:**