

## Product datasheet for **TP325133L**

### **A2LD1 (GGACT) (NM\_033110) Human Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human AIG2-like domain 1 (A2LD1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC225133 representing NM_033110 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MALVFVYGTALKRGQPNHRVLRDGAHGSAAFRARGRTLEPYPLVIAGEHNIPWLLHLPGSGRLVEGEVYAV DERMLRFLDDFESCPALYQRTVLRVQLLEDRAPGAEPPAPTAVQCFVYSRATFPPEWAQLPHHDSYDSE GPHGLRYNPRENR
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	17.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_149101</a>
Locus ID:	87769
UniProt ID:	<a href="#">Q9BVM4</a>
Cytogenetics:	13q32.3



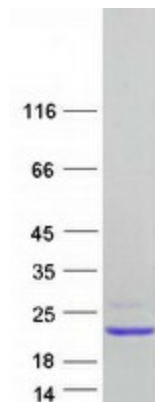
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RefSeq ORF: 459

Synonyms: A2LD1

**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:



Coomassie blue staining of purified GGACT protein (Cat# [TP325133]). The protein was produced from HEK293T cells transfected with GGACT cDNA clone (Cat# [RC225133]) using MegaTran 2.0 (Cat# [TT210002]).