

Product datasheet for **TP325133**

A2LD1 (GGACT) (NM_033110) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human AIG2-like domain 1 (A2LD1), 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC225133 representing NM_033110 Red =Cloning site Green =Tags(s) MALVFVYGTLLKRGQPNHRVLRDGAHGSAAFRARGRTLEPYPLVIAGEHNIPWLLHLPGSGRLVEGEVYAV DERMLRFLDDFESCPALYQRTVLRVQLLEDRAPGAEPPAPTAVQCFVYSRATFPPEWAQLPHHDSYDSE GPHGLRYNPRENR TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| 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: | NP_149101 |
| Locus ID: | 87769 |
| UniProt ID: | Q9BVM4 |
| Cytogenetics: | 13q32.3 |



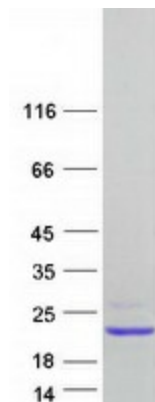
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RefSeq ORF: 459

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]).