

Product datasheet for **SC329449**

A2LD1 (GGACT) (NM_001195087) Human Untagged Clone

Product data:

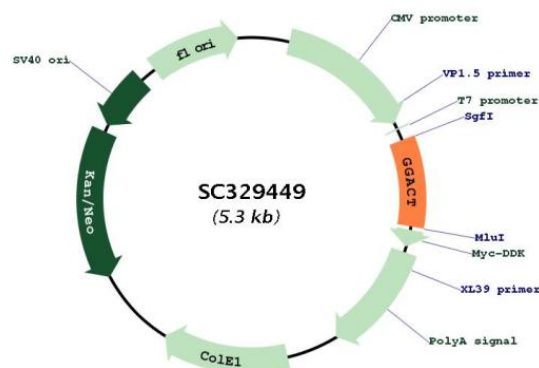
Product Type:	Expression Plasmids
Product Name:	A2LD1 (GGACT) (NM_001195087) Human Untagged Clone
Tag:	Tag Free
Symbol:	GGACT
Synonyms:	A2LD1
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC329449 representing NM_001195087. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCCCTAGTCTTCGTGTACGGCACCCCTGAAGCGGGGTCAGCCCAACCACAGGGTCCTGCGGGACGGC
GCCACGGCTCCGCAGCCTTTCGGGCGCGCGGCCGCACGCTGGAGCCCTACCCGTTGGTGATCGCGGGG
GAGCACAACATCCCGTGGCTGCTGCACCTGCCCGGCTCGGGGCGCCTCGTGGAGGGCGAGGTCTACGCG
GTAGACGAGCGGATGCTGCGCTTCTGGATGACTTCGAGAGTTGCCCGGCCCTGTACCAGCGCACGGTG
CTGCGGGTACAGCTGCTGGAGGACCGGGCCCCGGGCGCAGAGGAGCCGCCAGCGCCACC CGGTGCAG
TGCTTCGTGTACAGCAGGGCCACCTTCCCGCCGAGTGGGCCAGCTCCCGCACCATGACAGCTACGAC
TCCGAGGGGCCGCACGGGCTGCGCTACAACCCCGGGAGAACAGATAAA
  
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Restriction Sites: SgfI-MluI

Plasmid Map:



[View online »](#)

ACCN:	NM_001195087
Insert Size:	462 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001195087.1
RefSeq Size:	2663 bp
RefSeq ORF:	462 bp
Locus ID:	87769
UniProt ID:	Q9BVM4
Cytogenetics:	13q32.3
MW:	17.3 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>