

Product datasheet for **SC208080**

ALP (PDLIM3) (NM_001114107) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ALP (PDLIM3) (NM_001114107) Human 3' UTR Clone
Symbol:	ALP
Synonyms:	ALP
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001114107
Insert Size:	1664 bp



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Insert Sequence: >SC208080 3'UTR clone of NM_001114107
 The sequence shown below is from the reference sequence of NM_001114107. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GACACGGTCACTCTGTATCCCAAAGCTAAGTCTCTGCAGGCGTGGCAGCAGCACGCACCCACCCAC
GCGCACTTACACGAGAAGACATTCATGGCTTTGGGCAGAAGGATTGTGCAGATTGTCAACTCCAAATCT
AAAGTCAAGGCTTTAGACCTTTATCCTATTGTTTATTGAGGAAAAGGAATGGGAGGCAAATGCCTGCTA
TGTGAAAAAACATACACTTAGCTATGTTTTGCAACTCTTTTTGGGGCTAGCAATAATGATATTTAAAG
CAATAATTTTTGTATGTCATACTCCACAATTTACATGTATATTACAGCCATCAAACACATAAACATCA
AGATATTTGAAGGACTCTAATTGCTTTCTTGACAAGTTGATTTTGAATTTGGTAAATAGCAAATA
ACAATCTTGATTTCTAACATAATCTGCAGTTGTCTGTATGTGTTTTAACTATTACAGTGCATGTTAGGG
AGAAATCCCTGAATTTCTTTAGTTTTGATTCAAACAATTATGCCACTCGATGCAACAAACATAATAA
ATACATAAAAGATTTAAAAAATACCTAATGAAGTGGCATTCAATTGAATCAAATAAAATCAACATTTCA
ATGAGAGAACCCAATCATATTTAACATGTACACTAACAAATATTTAAGATAAATGTGGCTTCTTCAG
GTTTTATAACTCATTACTCTTTCTTATGAGCACAAAATTTCTGATGATAGAAGCGTTGAAATTTGCTAG
TTAAAGGTAGTTCAGTCTCTTTCAAATTTAAAGTTTCACTTGCTTCAACGAGACTCTTTCAATTTAAA
TATCTCTTTCAGATCAATATTCAGTCAAATTTGAAGTTTCAAAGTCCATCACTGCTGTTTCTTAGGCTCA
ATGTTTACCACCTCCTCCTCTTCCCAAGATGGCATCTCCAGGAAGAAACAATTTAGACGACTTCCTAA
GGAAGGCAGGGGCTGCTGGTCTCCTGGGTCTGCTGTATCCACTGTTGAAATCCTTGGTTTCACTTG
TGATCTGTGGTCTGTTTTCTTGACATAGTTGAGGCCAGGCAATAATAACACCTCCACTACCACCTCAA
AACTCTCAGCTCAGCTTTCTGGAGTCATGGATCCTCTGTCTGAGACATGCACTCTGCCTGGCCCTGGC
GCAGGCAGCCTACCTTGAGGCTCTGCATGGCGTTACCTTGCCCTCACCCAGGGTGCCCATGGCAATG
CTCCTGACTTGCACTCTCACCTACTTTCCATGTCCCCACTGGGGACGTACAGGAACTTCTGAAACTG
TCCCCTCAGGTTCAAACCATGGGGAACAGCAGGGTGGGGACCCTCAGACCCTCTGTCTACCACCTTG
TGTCACATGGTCATCTCTACCACCCCTCAACCCACAGCTGCTAACTTCTGGCCTGAAACAAGTGTTC
TCCTCCATAAAGTCCCAAATGGGACACAAGTTTTATTGCTCTGGGATTCTTCAAACCTTAACTGACTC
TGACCCTGACCTGTTGAGATTTTGAAGAGGAGCCAAAACAGTGCCTGGCCCTGTAGGCATTTGACAT
TGCAACTCTGTGCCAACACATGCATTTACTAACAAGCTATTAATAAAAAATAAACAGACTTTTGAGAT
CAAAGAAA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001114107.5](#)

Summary: The protein encoded by this gene contains a PDZ domain and a LIM domain, indicating that it may be involved in cytoskeletal assembly. In support of this, the encoded protein has been shown to bind the spectrin-like repeats of alpha-actinin-2 and to colocalize with alpha-actinin-2 at the Z lines of skeletal muscle. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. Aberrant alternative splicing of this gene may play a role in myotonic dystrophy. [provided by RefSeq, Apr 2012]

Locus ID: 27295

MW: 63.1