

Product datasheet for **SC210909**

Alkaline Phosphatase (ALPI) (NM_001631) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Alkaline Phosphatase (ALPI) (NM_001631) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ALPI
Synonyms:	IAP
ACCN:	NM_001631
Insert Size:	1637 bp



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Insert Sequence: >SC210909 3'UTR clone of NM_001631
 The sequence shown below is from the reference sequence of NM_001631. 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
CTGCTGCTGGGGCGTCCGCTGCTCCCAGTGTGCCCCACTCCGGAGTTATCTGCTCCCCACCTCCGGG
CGTCTGCCCTGTTCCCGTCTGAGCCGCCACTTCCAGCGAACACACAGGTGCTGCGCTTGGAC
CTTCACCTCTAGAGATAAACCAGCCTCAGCTGGCGCAGCGGGCCCTTCTCCCTCCGCATCCCCTTC
AGGGAGCAGGAGCCAGGGCGCCCTGGGAGCTGAGCCTGGGACTTCCAGGACCTCCCCTCAGGTTGTTT
TCTGATTCTTCTCCCAACCCAGAGACTGCAGATTTGTGCCATGCGGCTGCCTGCACCCAGACAATA
AAGGGACAAAACCAACCAACCCCAACCCCTGCCTCTATCCTAAGGAAGACCAAGCAGGCCTGGACCCAG
AGAGCTCCCCATCGTGGGACACGACACCCAGACCGCGTGCCCCACCGTCTTAGCTTCAATCCTGGC
AGCACCTGGTAGACCCAAGGACTTGGGTGGATCAGGACACCTGAAGAAGAGAAGCTTCCGGCAACCCCTG
CAACCCACCCAAGGAGGCTACTGGATCGGGGATCCCAGGGGGCTTTGACACAGTCTCTGCTGTCTC
CCCCTAGGATCATTCCACACCCCTGCACCTGACCAAGGGACCAATGAGGCGAGAGCTTGCCCAAGTC
ACAGCCACTCAGATGCTTCTGCCCCCAGTGCCATTCCAGGTCACCAGATCCAAGGAGCGCTTGAGG
AGCTCTGGGTACAGGGCAGCAACCCAGAGCCATGGGCCCTCCCGGGACATCTGGATGCTGGGCATAGA
TTTCTCAACAAGGAAGACTCCCCTGCTCCTCAAGGTCTCATTCTCCTAGGAGACAAAGCAATAATAA
AAGGTGTTAGACAATGTAATGCCAGTACTTCTCCTAGGAGAAAAATCATGAGTGAGTGTGGGCACAGT
ATCTGGAGAGGTGGATAACGCAGGCCAGGAGGTACTGCTGAGGGGAGATGATTGAGCAAGAGACTTGA
ACAGAGTGGGGGCTTGAGCAAGGCAGCACAGCAGTGCAAACGCCCTGGGGCAGTGTGAGGAGTGTCT
GGGAGGCCAAGGGCTGGATCAGAGGGGTGGGGTGGGTGGGCAGAGTGGGAAAGCCTGAGGGGTGAGG
AGAGTGGGGTGTGCATGGGGACTGTGAAGTCTGGTTAGAGGGGTGGTGGTGGAGGTCTTTGAGGAGGG
CTGTGACCTGCCCTGGTTGGGAAATAAGCACTCTGGCTGCTGCCAGGAGAAGGGTCTGGTCTTTGGGC
AGAGGGTGGGGTGGTGGCAGGCTCAGGTGAAAGCTGGGGAAGGAGCTGACTCCAGGTGTTTCTGACCT
CCCTCTGAAAGTATTCTGGAGCGCCATCCCAATACAGCCATACTTAGTGAGTACACACCTGCTCCAAG
AGAACATTGAAAAGAATAAAGGTGAAATCAACCACATTTTCCAGCAAATTTGTCAGTATTACAAATTTA
TTTGTACATTTACAAAGGTGCAAAAAGCATCTTGCTTTTCAAGAAATAGTAACATCATTCAATATGC
TTTCTTATTTACTAAAACCTTGAATAAAATTGTAACATCAGTTTGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_001631.5](#)

Summary: There are at least four distinct but related alkaline phosphatases: intestinal, placental, placental-like, and liver/bone/kidney (tissue non-specific). The intestinal alkaline phosphatase gene encodes a digestive brush-border enzyme. This enzyme is a component of the gut mucosal defense system and is thought to function in the detoxification of lipopolysaccharide, and in the prevention of bacterial translocation in the gut. [provided by RefSeq, Dec 2014]

Locus ID: 248

MW: 60.1