

Product datasheet for **SC209813**

Alkaline Phosphatase (ALPL) (NM_001127501) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Alkaline Phosphatase (ALPL) (NM_001127501) Human 3' UTR Clone
Symbol: Alkaline Phosphatase
Synonyms: AP-TNAP; APTNAP; HOPS; HPPA; HPPC; HPPI; HPPO; TNALP; TNAP; TNSALP
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_001127501
Insert Size: 792 bp
Insert Sequence: >SC209813 3'UTR clone of NM_001127501
 The sequence shown below is from the reference sequence of NM_001127501. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
GCCCTCTACCCCTGAGCGTCTGTTCGAGGGCCAGGGCCCGGGCACCACAAGCCCGTGACAGATG
CCAACCTCCACACGGCAGCCCCCTCAAGGGCAGGGAGGTGGGGCCTCCTCAGCCTTGCAACT
GCAAGAAAGGGGACCCAAGAAACCAAAGTCTGCCGCCACCTCGCTCCCCTCTGGAATCTTCCCAAGG
GCCAAACCACTTCTGGCTCCAGCCTTTGCTCCCTCCCGCTGCCCTTTGGCCAACAGGGTAGATTTT
TCTTGGCAGGCAGAGAGTACAGACTGCAGACATTCTCAAAGCCTTATTTTTCTAGCGAACGTATTT
CTCCAGACCCAGAGGCCCTGAAGCCTCCGTGGAACATTCTGGATCTGACCCCTCCAGTCTCATCTCTG
ACCTCCCACTCCCATCTCCTTACCTCTGGAACCCCCAGGCCCTACAATGCTCATGTCCCTGTCCCA
GGCCAGCCCTCCTCAGGGGAGTTGAGGTCTTCTCCTCAGGACAAGGCCTTGCTCACTCACTCACTC
CAAGACCACAGGGTCCCAGGAAGCCGGTGCCTGGGTGGCCATCTACCCAGCGTGGCCAGGCCGGGA
AGAGCCACCTGGCAGGGCTCACACTCTGGGCTCTGAACACACAGCCAGCTCCTCTGAAGCGACTC
TCCTGTTTGAACGGCAAAAAAAAAATTTTTTCTCTTTTTGGTGGTGGTAAAAAGGGAACACAAAAA
ATTTAAATAAACTTTCCAAATATTTCCGAGGA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: Sgfl-Mlul



[View online »](#)

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:	<u>NM_001127501.4</u>
Summary:	This gene encodes a member of the alkaline phosphatase family of proteins. There are at least four distinct but related alkaline phosphatases: intestinal, placental, placental-like, and liver/bone/kidney (tissue non-specific). The first three are located together on chromosome 2, while the tissue non-specific form is located on chromosome 1. The product of this gene is a membrane bound glycosylated enzyme that is not expressed in any particular tissue and is, therefore, referred to as the tissue-nonspecific form of the enzyme. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature enzyme. This enzyme may play a role in bone mineralization. Mutations in this gene have been linked to hypophosphatasia, a disorder that is characterized by hypercalcemia and skeletal defects. [provided by RefSeq, Oct 2015]
Locus ID:	249
MW:	29