

## Product datasheet for **SC209679**

### Alkaline Phosphatase (ALPL) (NM\_000478) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Alkaline Phosphatase (ALPL) (NM\_000478) 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\_000478  
**Insert Size:** 792 bp  
**Insert Sequence:** >SC209679 3'UTR clone of NM\_000478  
 The sequence shown below is from the reference sequence of NM\_000478. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCCCTCTACCCCTGAGCGTCTGTTCTGAGGGCCAGGGCCCGGGCACCCACAAGCCCGTGACAGATG
CCAACCTCCACACGGCAGCCCCCTCAAGGGCAGGGAGGTGGGGCCTCCTCAGCCTTGCAACT
GCAAGAAAGGGGACCCAAGAAACAAAGTCTGCCGCCACCTCGCTCCCCTTGGAATCTTCCCAAGG
GCCAAACCACTTCTGGCTCCAGCCTTTGCTCCCTCCCGCTGCCCTTTGGCCAACAGGGTAGATTTT
TCTTGGCAGGCAGAGGTACAGACTGCAGACATTCTCAAAGCCTTATTTTTCTAGCGAACGTATTT
CTCCAGACCCAGAGGCCCTGAAGCTCCGTGGAACATTCTGGATCTGACCTCCCAGTCTCATCTCTG
ACCTCCCACTCCCATCTCCTTACCTCTGGAACCCCCAGGCCCTACAATGCTCATGTCCCTGTCCCA
GGCCAGCCCTCCTTCAGGGGAGTTGAGGTCTTCTCCTCAGGACAAGGCCTTGCTCACTCACTCACTC
CAAGACCACAGGGTCCCAGGAAGCCGGTGCCTGGGTGGCCATCCTACCCAGCGTGGCCAGGCCGGGA
AGAGCCACCTGGCAGGGCTCACACTCTGGGCTCTGAACACACAGCCAGCTCCTCTGAAGCGACTC
TCCTGTTTGAACGGCAAAAAAAAAATTTTTTCTCTTTTGGTGGTAAAGGGAACACAAAAA
ATTTAAATAAACTTTCCAAATATTTCCGAGGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-Mlul



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_000478.6</a></u>
<b>Summary:</b>	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]
<b>Locus ID:</b>	249
<b>MW:</b>	29