

Product datasheet for **SC211663**

Acid Phosphatase (ACP1) (NM_004300) Human 3' UTR Clone

Product data:

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| Product Type: | 3' UTR Clones |
| Product Name: | Acid Phosphatase (ACP1) (NM_004300) Human 3' UTR Clone |
| Vector: | pMirTarget (PS100062) |
| Symbol: | ACP1 |
| Synonyms: | HAAP; LMW-PTP; LMWPTP |
| ACCN: | NM_004300 |
| Insert Size: | 1009 bp |
| Insert Sequence: | >SC211663 3'UTR clone of NM_004300 The sequence shown below is from the reference sequence of NM_004300. 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
TGCAGAGCGTTCTTGGAGAAGGCCACTGAGGCAGTTCGTGCCCTGCTGCGGCCAGCCTGACTAGACC
CCACCTGAGGTCCTGCATTTCTCAGTCGGTGTGTAATCACGTTCCAGGGCCAAAGCCAGCTCTTTG
TTCAGTTGACTTACTGTTTCTTACCTTAAAAAGTAATTGTAGATGAAATCAGTTGTGTTTGGCAGGAG
AATCAATAAAAAATCTTTGATTGACAGAGCTTATGGGGATTTTAAGCATTCTTAGACTAGTTGAACATC
TCACTTTGCCCCAGTTACAAAAATAGTAGAACAGCAACATAAAACAATGAAGGAAAACCTCACTTGAA
GGCCCAGGTCAACATCTAAGCCTGTTGAGACTTAGATAATCGAGTCTACCTCTTCAGTAGGTTTGTGTG
GATGGCCTGGAGGGCAGGTGCCCTCTGCTCCCCAGTGCTACCTCTCTTCCCTAGGGCCTTTTGTGGA
TTGACAGTAGTCCCCTCCGTAGGAGCTCACAGTCTAGATTAGAAGTGTTTAATTTCTACACCCATA
GTGCACACTTGTATATTGAAAAGATAGGGAAGAGAGAAACATTTATGGAATCAGTCGTTGGCACCTTCA
ATACTTCATGATTTTTGTCGAGTTTACTTCATGAGGAGGTCAGCCATTGGCTCCCATCTGAACCACTT
TGCTCTGAAACTTAATTACATCCAGAAAGAAGGACACTTGTATGCTAGTCTATGGTCAGTTGAGGAAT
ATGACTGTTTTTATATGCACATGTAACCCAAATGTCCAATATAAATTGGCTTATTTTTTAAAAATAATTT
TAAAAGTTGGGAAAAGTGTATTATTTGGCATGCTTAAATATTGAATAAGTATTCTTCATCAGCATTTA
ATAAATGTATAGGCAGATGTAAGGTAATTTCTGTGTATTTTGGAGATAATGTCAAATCATGAATATTTT
AAAATAAACTGGGGAGTTATAAAAAATACTAGAGATATAAA
ACGCGTAAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: Sgfl-MluI



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| 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_004300.4 |
| Summary: | The product of this gene belongs to the phosphotyrosine protein phosphatase family of proteins. It functions as an acid phosphatase and a protein tyrosine phosphatase by hydrolyzing protein tyrosine phosphate to protein tyrosine and orthophosphate. This enzyme also hydrolyzes orthophosphoric monoesters to alcohol and orthophosphate. This gene is genetically polymorphic, and three common alleles segregating at the corresponding locus give rise to six phenotypes. Each allele appears to encode at least two electrophoretically different isozymes, Bf and Bs, which are produced in allele-specific ratios. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Aug 2008] |
| Locus ID: | 52 |
| MW: | 38.3 |