

Product datasheet for **SC208728**

PTPLAD2 (HACD4) (NM_001010915) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PTPLAD2 (HACD4) (NM_001010915) Human 3' UTR Clone
Symbol:	PTPLAD2
Synonyms:	PTPLAD2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001010915
Insert Size:	2000 bp



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Insert Sequence: >SC208728 3'UTR clone of NM_001010915
 The sequence shown below is from the reference sequence of NM_001010915. 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
ATCTTTCCATTAAAAAAGAAGATGTGAAGTACAGCATTCCAGTGTGACACGAGAAAAGACAGGCTG
TGGATTACGTGACGTAATAAAAAACAGGAAGTATTCTGGTGGAAAAATACCTTGTATTTGATAAAAAAT
CCATTACATGAAATAACTGCACATACCCCAAACTCTAGACATAACAGGCTATGTTTTTACACATTG
TATTTTTAAGACATATATATTCTCCATACCCTGCTTACCAAAATTCCTGCTTCAATTTGGATTTTATAC
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CAGACAGACTGATAATTTCCACATCTTTAAGTCTGTTTCCGTTTTTGTAAAGATTCTGTCTTCAT
TTTTTGTACATTTTACTTTAAGCAGTCAAGATAAACCGAGGCACTCCTTCAACACTGGTTGGAGATCT
CTTCAGTTCAATATCTAATTTTATGGCTCACAATTTTACTTTCCACAAAACACTAGAACATGAACACAA
TCATCCAAGTTCTTTGGCATATTATAACAAAGATCACCTTTCTCCAGTTTCCATAACAGGTTCCCTC
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-Mlul

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_001010915.5](#)

Summary:

Catalyzes the third of the four reactions of the long-chain fatty acids elongation cycle. This endoplasmic reticulum-bound enzymatic process, allows the addition of two carbons to the chain of long- and very long-chain fatty acids/VLCFAs per cycle. This enzyme catalyzes the dehydration of the 3-hydroxyacyl-CoA intermediate into trans-2,3-enoyl-CoA, within each cycle of fatty acid elongation. Thereby, it participates in the production of VLCFAs of different chain lengths that are involved in multiple biological processes as precursors of membrane lipids and lipid mediators.[UniProtKB/Swiss-Prot Function]

Locus ID:

401494

MW:

75.8