

## Product datasheet for **SC201473**

### **PMP70 (ABCD3) (NM\_001122674) Human 3' UTR Clone**

#### Product data:

Product Type:	3' UTR Clones
Product Name:	PMP70 (ABCD3) (NM_001122674) Human 3' UTR Clone
Symbol:	PMP70
Synonyms:	ABC43; CBAS5; PMP70; PXMP1; ZWS2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001122674
Insert Size:	203 bp
Insert Sequence:	>SC201473 3'UTR clone of NM_001122674 The sequence shown below is from the reference sequence of NM_001122674. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA <b>GCGATCGCC</b> CAGGTAAGTTGGAAAAATTTGTGGCAT <b>TA</b> AAAACCAGACAAATGTATTGGCCAGGCGTGGTGGCTCATG CCTGTAATCCCAGCACTTTGGGAGGCTGAGATGGGAGGATCGCTTGAATCCAGGAGTTCGAGACAAGCC TGGACAAAAAGCGAGACCCGCTTCTTTAAAAAATAATAATAAACAGAAAGTTCTTAAACCATGAA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-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:	<a href="#">NM_001122674.2</a>



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**Summary:**

The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the ALD subfamily, which is involved in peroxisomal import of fatty acids and/or fatty acyl-CoAs in the organelle. All known peroxisomal ABC transporters are half transporters which require a partner half transporter molecule to form a functional homodimeric or heterodimeric transporter. This peroxisomal membrane protein likely plays an important role in peroxisome biogenesis. Mutations have been associated with some forms of Zellweger syndrome, a heterogeneous group of peroxisome assembly disorders. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008]

**Locus ID:**

5825

**MW:**

7.8