

Product datasheet for **SC326572**

PAS1C1 (LMNTD1) (NM_001145728) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	PAS1C1
Synonyms:	IFLTD1; LMNARSI; PAS1C1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC326572 representing NM_001145728. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAAAGATACACAAGACATTCAGGAAGCTTGAAGGCAATGCAGAATAAAGTCCATGAGCAGGAAGAT
AAGAAATGAGAAACAAAAACAAAGAGAAGACAACTTGGAGTATATTCTTTAGTACATTTTCCCAAAG
ATGTTGGGTTCAAGTGGCACAACACTGCCATTGTCATCTTCAAATTCAGTGAATGCCTCTTGTTTAC
TATCTGTCTAGTCCTCAGATTAGTAGAGTAACATATCAACAACATGGACAATTGACTTCTAAAGCTACT
GTAGGTAGCTGTTCCAGAGTGGAAAACAGCTTGGATGCCAGCCCTTCTCAGTTCGAAGAAACAGGAT
GAATACCCCATGATTGGGGATGGAGAAGATTATTCCTTTCTTTGTTGGTGATTCAAAGAACTTACA
GCACACTCAAACACTACACTCAGAAAACCTTTAAATACTTTCTATGATTCTTGAAGAAGTTGGCCAAATTT
ACCTCCAGTTCTCTTGGAGATGTTGAAATAGCTGAAGTGAATGTCAAGGGTTTGTTCGTGAAGCTCATT
AACTCTTCCCTTGACAAAGAAATGGCAATTGGAGATCATATTCTCCAGCAAAATGTGAATGGACAAACC
ATTTCTTTGTACCGATTCTTCCAAACATCGTAATGCAGGCAAAATCCACAGTAACAGTGTGGGCAGCA
GCATCTGAAGCAAAGCATCAACCTCCATCAGATTTTCTTTGGAAGGAACAGACAAGTTTAGAGCAAGT
CCTGATTGTATAACAATCCTGTGCAAAACCGAAGCGTCAAGCCATTGCGTGGTACACCCCTATCCACTGG
AAGCAAGCGTGGGAAAAATTAGATGCTGACGTTGAATTTAACAGATGTTCAAGTATCTCCAACATTG
CGAAAGCGTGTGTTTCAGTGGACAGCATCTACAGCTACAATAACTAAAGAAAAACAAGATCAACCTAAG
AAAGATATCTCAAATTATCAGGTGGAACAAGCTCAAGTTCTTCTAAGAGAGAGAAGGAAATCCCACCA
ACCGTTTTCCCTAATCGCAGCCCTTGGTGCAGAAATCCCTATGTCTCTGCACATCCTTACTGTCTCTG
ATTGAACCAACAATACATCCACCGCTGGAGGCAGATTGGATAGACAGCCAGGACTCGGTCAACAGCA
CCTAATCGAGCCTCAGGGTCTAAGAAAAAGAAAGACATCTGAGTCACAAAAGCAATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



ACCN:	NM_001145728
Insert Size:	1230 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001145728.2</u>
RefSeq Size:	1876 bp
RefSeq ORF:	1230 bp
Locus ID:	160492
UniProt ID:	<u>Q8N9Z9</u>
Cytogenetics:	12p12.1
MW:	45.9 kDa