

Product datasheet for **SC115746**

PL6 (TMEM115) (NM_007024) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PL6 (TMEM115) (NM_007024) Human Untagged Clone
Tag:	Tag Free
Symbol:	PL6
Synonyms:	PL6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115746 sequence for NM_007024 edited (data generated by NextGen Sequencing) <pre> ATGCAACGTGCCCTGCCAGGCGCCCGCCAGCACTTGGGGGCCATTCTGGCCAGCGCCAGC GTGGTGGTGAAGGCTCTGTGTGCGGCGGTACTATTCTCTACCTGCTCTCCTTCGCCGTG GACACAGGCTGCCTGGCGGTACCCCGGGCTACCTCTTCTCCCAACTTCTGGATCTGG ACCCTGGCCACCCATGGGCTGATGGAGCAGCATGTGTGGGACGTGGCCATCAGCCTGACA ACGGTGGTGGTGGCCGGGCGTTTGTGGAGCCCTCTGGGGGGCCTTGGAGCTGCTCATC TTCTTCTCAGTGGTGAATGTGTCTGTAGGGCTGCTGGGGGCCTTCGCCTACCTCCTCACC TACATGGCTTCTTCAACCTGGTCTACCTGTTCCTGCTCCGTATCCACGGCGCCTTGGGC TTCCTAGGTGGCGTCCTGGTGGCACTCAAGCAAACCATGGGGGACTGTGTGGTCTCGCA GTGCCCCAGGTGCGCGTCAGTGTGATGCCCATGCTGCTGCTGGCGCTGCTGCTCCTGCTG CGGCTCGCCACGCTGCTCCAGAGCCCGGCGCTGGCTTCTATGGCTTCGGGCTGCTCTCC AGTTGGGTATATCTTCGCTTCTACCAGCGCCATAGCCGGGGCCGAGGGGACATGGCTGAC CACTTTGCTTTGCCACTTTCTTCCCTGAGATCCTGCAGCCTGTGGTGGGTTTGTGGCG AACTTGGTGCACAGCCTCCTGGTGAAGGTAAAGATATGCCAGAAGACGGTGAAGCGCTAC GATGTGGGTGCCCCATCCTCCATCACCATCAGCCTGCCAGGCACAGACCTCAAGACGCC GAGCGGAGAAGGCAACTGGCCCTGAAGGCACTCAATGAGCGGTGAAGAGAGTGAAGAC CAGTCCATCTGGCCAGCATGGATGATGATGAAGAGGAGTCTGGGGCCAAGGTGGACAGC CCCCTGCCCTCAGACAAAGCTCCACACCCCCAGGGAAGGGGGCTGCCCCAGAATCCAGT CTAATCACCTTCGAGGCAGCTCCCCCGACGCTGTAA </pre>

Clone variation with respect to NM_007024.4



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_007024 unedited
TACGACTCACTATAGGGCGGCCGAATTCGGCACGAGGAAAGAGTACGGTCGAAGCCA
GGAGCCAGGCCGAGCGGGAGCTGACCAGGCTTGACTCGGGTACAGAACGAGGCACCAAGTC
CCCTTGCGAACCGAAGGGGCTCGCAGTGGATGGAGGAGGCCAGCCCTGAGGTCAACGCC
AACCAGGCTAGCTGGCACGGGGCTACAGGTGGTAGGCGGGCGTGCCGACGGCTCC
AGGGCCTTCCCTCAGTCCCGGCGAGGGGCTACGCTGCGGCCCGGCAACAAGGCCGACT
CGGCCCCCTGGGACCAGAGCCCCACCCGATCGGAAGCGGATCCTTTACCAGGGCCATAGG
CCAGTGCAAGGCCGGNCCTGGGCCCTCCATTGGGGGCGGACTAGGACGAGGCCCGGGG
GAGGCCCTTGGCTACCAGACCCTTTCTCAGGCCGACAGCCGCCAGGAAGATGCAACG
TGCCCTGCCAGGCGCCGCCACACTTGGGGGCCATTCTGGCCAGCGCCAGCGTGGTGGT
AAGGCTCTGTGTGCGGCGGTACTATTCTCTACCTGCTCTCCTTCGCGGTGGACACAGGC
TGCCTGGCGGTACCCCGGGCTACCTCTTCTCCAACCTCTGGATCTGGACCCTGGCCA
CCCATGGGCTGATGGAGCAGCATGTGTGGGACGTGCCATCAGCCTGACACGGGGGGGT
GGGCCGGGCGTTTGTGAACCCCTCTGNGGGGCCCTGGGACTGCTCATCTTCTTTTCAGG
GGGAAAAGGGTTTGTAGGCTGTTTGGGGGCCCTTCCCTACCTTCCAACCTACATGGGTT
CCTTAACCTGGGTACCTGGTTACTGGCCGTAATCCCGGGGCTTGGGCTTTCTAAGGGG
GGGGCCCGGGGGGCCCTAAACAACCATGGGGGACTGTGGGTCTTGAATGCCCGAGG
CGCGTATGGTGAGCCCATGCCGCA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_007024 unedited
GCCGCAATCTAGAGTCGAGTT
TTTTCTCAAAAACTGTTTTATTGATACTGCAAGCCTGGGCTTGGCTGCCCCTCAAGG
GGTCTGTAAAAAATACCTGGGAGCTGGAGCTGTTTTGGTCCAAAAGCAGTCCCCGCCAC
AGCAGAGGGAACAAATCCTGACAGGAACAGTTTTTTTGGGGATGGGCAGGGATGTGCAC
CCCCAGGTCGGTTCTGCTTTTGTGGGCCCCCAAAACATTTTTGGCAAACTCTTGCCCT
GGCTCAGGGCTTTCGGCAACAGTTTCAAATGTGAGGGCCGGCCAGGAGCTGTGGCATC
AGTGTCCTGCAGCCACTTGCTTGGGGCTGCCAGCTGATGTACATTCTTACCTCAAATGA
GGGCTGGACTGGCCGATGCCTCAAAGGCTCCGGGCTGGCATAGGGGTGTCTGGAGTT
GGAACCAAGTACCAAGAGTCCTGGGTAGTGTGGCGAAAAACAGCAAAAGGCCATGGAAA
GCCCCAGCAGGCCTTTTCCCTCTCCTAAAAGCAGTCAGGTGCCCTGGATTACCTGAAAG
GATGTAAGGGGGGCTTTGAGAGGGGAGGTGCCCACTCAAGTGGTCTGGAGTTACAGC
GTCGGGGGAGCTGCCTCGAAGTGATTAGACTGGATCTGGGGCACCCCTTCTGGGGGT
GTGGAAGCTTTTCTGAGGGCAGGGGCTTCCACCTTCCCAAACTCCTTTAATATTATCC
ATGCTGGCCAGAGGACTGGTCTTCCACTTTTAACCGTTATTGAGGCCTTAAGGCACTTTG
CTTCTCCGTTGGGTTTAAAGGGTTGCCCTGCAAGTTTATGTGAATGAGATGGGCACCCA
TTGAACGGTTACCGTTTTTGGGTATTACTTACCAGAGCTGTGCCAATTTCCACAA

Restriction Sites:

NotI-NotI

ACCN:

NM_007024

Insert Size:

2320 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).

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.
RefSeq:	<u>NM_007024.4, NP_008955.1</u>
RefSeq Size:	2178 bp
RefSeq ORF:	1056 bp
Locus ID:	11070
UniProt ID:	<u>Q12893</u>
Cytogenetics:	3p21.31
Protein Families:	Transmembrane
Gene Summary:	May play a role in retrograde transport of proteins from the Golgi to the endoplasmic reticulum. May indirectly play a role in protein glycosylation in the Golgi.[UniProtKB/Swiss-Prot Function]