

Product datasheet for **SC126687**

Porimin (TMEM123) (BD123550) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Porimin (TMEM123) (BD123550) Human Untagged Clone
Tag:	Tag Free
Symbol:	Porimin
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BD123550, the custom clone sequence may differ by one or more nucleotides

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CCCGCCGCCCGGCTGCGCACGCGACGCCCCCTCCAGGCCCGCTCCTGCGCCCTATTTGGTCATTCGGG
GGGCAAGCGCGGGAGGGGAAACGTGCGCGGCCGAAGGGGAAGCGGAGCCGGCGCCGGCTGCGCAGAGGA
GCCGCTCTCGCCGCCACCTCGGCTGGGAGCCACGAGGCTGCCGCATCCTGCCCTCGGAACAATGGG
ACTCGGCGCGGAGGTGCTTGGGCCGCGCTGCTCCTGGGACGCTGCAGGTGCTAGCGCTGCTGGGGCC
GCCCATGAAAGCGCAGCCATGGCGGCATCTGCAACATAGAGAATTCTGGGCTTCCACACAACCTCCAGTG
CTAACTCAACAGAGACTCTCAACATGTGCCTTCTGACCATACAAATGAAACTTCCAACAGTACTGTGAA
ACCACCAACTTCAGTTGCCTCAGACTCCAGTAATACAACGGTCACCACCATGAAACCTACAGCGGCATCT
AATAACAACAACACAGGGATGGTCTCAACAATAATGACTTCTACCACCTTAAAGTCTACACCCAAAACAA
CAAGTGTTCACAGAACACATCTCAGATATCAACATCCACAATGACCGTAACCCACAATAGTTCAGTGAC
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TTATAGGGAAAAAACCTCCTAGAAGTTAGATTATTTGCTACTGTGAGAATATTGCACCCTGGAAGTTA
CTTTAGTTCATTTAATTTAATTTTATTTTTGTGAATTTTTAAGAACTGTAGAGCTGCTTTCAATATC
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TAGAAATTTTAAATTGAGTGTAACACACCTAACTTTAAGAAAAAGAACCGCTTGTATGATTTTCAAAG
AACATTTAGAATTCTATAGAGTCAAACTATAGCGTAATGCTGTGTTTAAAGCCAGGGATTGTGGGAC
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CTAGGCAGAAGCAATTTAAAATTTCTTGAATAATCCATGAAAGGAATAATCAAATACAGATAAACA
GAGTTGGCAGTATATTATAGTGATAATTTGTATTTTCAAAAAAAAAGTTAACTCTTCTTTTCTTT
TATTATAATGACCAGCTTTTGGTATTTCTGTTACCAAGTCTATTTTGAATAAAAATGTTCTCCTT
CT

5' Read Nucleotide Sequence:

>OriGene 5' read for BD123550 unedited
NNNNGTCCGAATTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACGAGCTCGGC
TGGGAGCCACGAGGCTGCCGCATCCTGCCCTCGGAACATGGGACTCGGCGCGGAGGTG
CTTGGCCCGCGCTGCTCCTGGGACGCTGCAGGTGCTAGCGCTGCTGGGGCCGCCCATG
AAAGCGCAGCCATGGCGGCATCTGCAAAACATAGAGAATTTCTGGGCTTCCACACAACCTCA
GTGCTAACTCAACAGAGACTCTCCAACATGTGCCTTCTGACCATACAAATGAAACTTCCA
ACAGTACTGTGAAACCACCAACTCAGTTGCCTCAGACTCCAGTAATACAACGGTCAACCA
CCATGAAACCTACAGCGGCATCTAATAACAACACCAGGGATGGTCTCAACAAATATGA
CTTCTACCACCTTAAAGTCTACACCAAAAACAAGTGTTCACAGAACACATCTCAGA
TATCAACATCCACAATGACCGTAACCCACAATAGTTCAAGTACATCTGCTGCTTCATCAG
TAACAATCACAACACTATGCATTCTGAAGCAAAGAAAGGATCAAAATTTGATACTGGGA
GCTTTGTTGGTGGTATTGTATTAACGCTGGGAGTTTTATCTATTCTTTACATTGGATGCA
AAATGTATTACTCAAGAAGAGGCATTCCGTATCGAACCATAGATGAACATGATGCCATCA
TTTAAGGAAATCCATGGACCAAGGATGGAATACAGATTGATGCTGCCCTATCAATTAATT
TTGGTTTATTAATAGTTTAAACATATTCTTTTGAATAGTATAACAGGCCATGCTATA
TGTACAGTGTATACGTAATAATGTAAAGATCTTCAGTAACCAAGGNTTTGTGGN

Restriction Sites:

NotI-NotI

ACCN:

BD123550

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:	<ol style="list-style-type: none">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>BD123550.1</u>
RefSeq Size:	3362 bp
RefSeq ORF:	3362 bp
Locus ID:	114908
Cytogenetics:	11q22.2
Protein Families:	Transmembrane
Gene Summary:	This gene encodes a highly glycosylated transmembrane protein with a high content of threonine and serine residues in its extracellular domain, similar to a broadly defined category of proteins termed mucins. Exposure of some cell types to anti-PORIMIN (pro-oncosis receptor inducing membrane injury) antibody, crosslinks this protein on the cell surface and induces a type of cell death termed oncosis. Oncosis is distinct from apoptosis and is characterized by a loss of cell membrane integrity without DNA fragmentation. This gene product is proposed to function as a cell surface receptor that mediates cell death. [provided by RefSeq, Jul 2008]