

Product datasheet for SC214258

PIM1 (NM_002648) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PIM1 (NM_002648) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PIM1
Synonyms: PIM
ACCN: NM_002648
Insert Size: 1367 bp
Insert Sequence: >SC214258 3'UTR clone of NM_002648

The sequence shown below is from the reference sequence of NM_002648. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
CACAGCCTGTGCGCGGGGCCAGCAAATAGCAGCCTTTCTGGCAGGTCTCCCTCTCTTGTGATGTCAGATGC
CCGAGGGAGGGGAAGCTTCTGTCTCCAGCTTCCCGAGTACCAGTGACACGTCTCGCCAAGCAGGACAGT
GCTTGATACAGGAACAACATTTACAACCTATTCCAGATCCAGGCCCTGGAGGCTGCCTCCCAACAGT
GGGAAGAGTGACTCTCCAGGGTCTAGGCTCAACTCTCCCATAGATACTCTTCTTCTCATAGG
TGTCCAGCATTGCTGGACTCTGAAATATCCCGGGGTGGGGGTGGGGTGGGTGAGAACCCTGCCATG
GAACTGTTTCCTTCATCATGAGTTCTGCTGAATGCCGCGATGGGTGAGTGGGGGAAACAGGTTGGG
ATGGGATAGGACTAGCACCATTTAAGTCCCTGTACCTCTTCCGACTCTTCTGAGTGCCTTCTGTGG
GGACTCCGGCTGTGCTGGGAGAAATACTGAACTGCCTCTTTACCTGCTGCTTCTCAAAAATCTGC
CTGGGTTTTGTTCCCTATTTTTCTCTCCTGTCTCCCTCACCCCTCCTTCATATGAAAGGTGCCATGG
AAGAGGCTACAGGGCAAACGCTGAGCCACCTGCCCTTTTTCTGCCTCCTTTAGTAAAACCTCCGAGTG
AACTGGTCTTCTTTTTGGTTTTACTTAACTGTTTCAAAGCCAAGACCTCACACACACAAAAAATGCA
CAAACAATGCAATCAACAGAAAAGCTGTAATGTGTGACAGTTGGCATGGTAGTATACAAAAAGATTG
TAGTGGATCTAATTTTTAAGAAATTTGCCTTTAAGTTATTTTACCTGTTTTGTTTCTGTTTTGAAA
GATGCGCATTCTAACCTGGAGGTCAATGTTATGATTTATTTATTTATTTATTTGTTTCCCTTCTATT
CCAAGCTTCCATAGCTGCTGCCCTAGTTTTCTTCTCCTCTTCTCCTCTGACTTGGGGACCTTTTGGG
GGAGGGCTGCGACGCTTGTCTGTTTGTGGGTGACGGGACTCAGGCGGGACAGTGTGCAGCTCCCTG
GCTTCTGTGGGGCCCTCACCTACTTACCAGGTGGTCCCCTGCTGTGGGTGATGGGGAGGGGCATT
GCTGACTGTGTATATAGGATAATTATGAAAAGCAGTTCTGGATGGTGTGCCTTCCAGATCCTCTCTGGG
GCTGTGTTTTGAGCAGCAGGTAGCCTGCTGTTTTATCTGAGTGAATACTGTACAGGGGAATAAAGA
GATCTTATTTTTTTTTTATACTTGGCGTTTTTTGAATAAAAACCTTTTGTCTTAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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_002648.4
Summary:	The protein encoded by this gene belongs to the Ser/Thr protein kinase family, and PIM subfamily. This gene is expressed primarily in B-lymphoid and myeloid cell lines, and is overexpressed in hematopoietic malignancies and in prostate cancer. It plays a role in signal transduction in blood cells, contributing to both cell proliferation and survival, and thus provides a selective advantage in tumorigenesis. Both the human and orthologous mouse genes have been reported to encode two isoforms (with preferential cellular localization) resulting from the use of alternative in-frame translation initiation codons, the upstream non-AUG (CUG) and downstream AUG codons (PMIDs:16186805, 1825810).[provided by RefSeq, Aug 2011]
Locus ID:	5292
MW:	50.9