

Product datasheet for **SC213621**

PML Protein (PML) (NM_033244) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PML Protein (PML) (NM_033244) Human 3' UTR Clone
Symbol:	PML Protein
Synonyms:	MYL; PP8675; RNF71; TRIM19
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_033244
Insert Size:	1288 bp



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Insert Sequence: >SC213621 3'UTR clone of NM_033244
 The sequence shown below is from the reference sequence of NM_033244. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCAGGTAGGGAGAGGAACGCGTTGGTATCAGCAGCTCGGAAGACTCAGATGCCGAAAACCTCGTCA
TGGAGCCCATGGAGACCGCCGAGCCACAGTCTCGCCAGCCACTCTCGCCAGCCACTCTCGCCAG
CCCACTCTCGCCAGTCCAGTCTCTGCTGAGAGACAAGGAGCCTCCAGCCTGCCCTGTGGCACATAACC
ACCCCCAGCTTGGCCTCCCACCAGCCCGCTGAGCAGGCTGCCACCCCGATGTGAGCCTCACAGCG
AGCCTCTGATCACCAGGAGCGCCCTGCCGTCCACCGTGGGATCCGCTACCTGTTGTACAGAGCACAGA
GAGCCATCCGCTTCGCCATGCCCTCCGCTTGACCCCTCAATTGCATCGGGCCCCATTTCGGACTTGGT
CTCCCCATGTGGTCCAAGCCAGCACTCTGCCATCACAGGGCCCCCAACCATCTGCCAATGCCAGG
AACATCTGCCAGCTGCAAAGGGGCATCAGCCACCCACCGGATACGAGGGGTGTGCGATCCCACA
GCCGCTCCCTCCGGGGCTCTCCATTTATCCAGTGGCTCAACAACCTTTTTGCGCTCCCTTCTCCT
CCATGGCTTCCCAGCTTGACATGTCTTCCGTGGTGGGGGAGGGGAAAGCAGAGCCAGACTCTTGAG
CAGGTGTTCCCCCTGGGACTCTGTGAGAGGCTCCATGGAGGCTCTCAAGTCCAAGTGCCTCTGGAAG
CCTCTCAATTACATTCCCACCACCCTGTGCCCGAAAGGCCCCCCATCAGCCAGTCCCAGGCGCCC
GTCAAGCAGGCCTCTGAGAGTGTACCTTCTTGTAACTTGCAGCCAACACCCTGCCCGGCCCT
GAGCTGCCTCTCCAGCCATGTCTTACAGGCCCTGCACAGAGTAGCACTCATTAACTTGGTTAAG
GAATGAATCAACGAATGAATGGCTATGCATGGACCTCTGGCAGGGAGACCTGGGTCTTCTGGCTGA
GAGGGGAAGGCTAAGGCATGGCTGAGATTCAAGCCACCATTCCAGCCTCTTGGCCAAAGAAAGAACT
TCTGTACCCCTTGCACTCTCCTGTATTCTGAGTCCCTGGCCAATAGCACAGCCTTCCATGCCCCGACCC
CCACCCCAAGCCTCTCCACTAGGCTCTGCCAGGATCTAAGCCATGAGCACAGGGACTGGCTATCCCA
AGACCTGGCAGATGTGGCTGCTCAATAAACTTGTGAACCATCA
AGCGGACCGACTTACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCC
CAACCTGCCATCACGAGATTTGATTCCACCGCCGC
  
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Restriction Sites: Sgfl-RsrII

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_033244.4](#)

Summary:

The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This phosphoprotein localizes to nuclear bodies where it functions as a transcription factor and tumor suppressor. Its expression is cell-cycle related and it regulates the p53 response to oncogenic signals. The gene is often involved in the translocation with the retinoic acid receptor alpha gene associated with acute promyelocytic leukemia (APL). Extensive alternative splicing of this gene results in several variations of the protein's central and C-terminal regions; all variants encode the same N-terminus. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

Locus ID:

5371

MW:

45.9