

## Product datasheet for SC212250

### DNA polymerase mu (POLM) (NM\_013284) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** DNA polymerase mu (POLM) (NM\_013284) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** POLM  
**Synonyms:** Pol Mu; Tdt-N  
**ACCN:** NM\_013284  
**Insert Size:** 1259 bp  
**Insert Sequence:** >SC212250 3'UTR clone of NM\_013284  
 The sequence shown below is from the reference sequence of NM\_013284. 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
TACCTTCCTCCAGAGCAGAGAAAACGCCTGAGCCTGCCTGTGTCCCCACTTCCACTCAGGAAATTGGGC
TGCCCCAACCTGGCCACTGAATGTCTCCAGGCAGATATGCTGCCCCCTGACCCCCACTTCACCCCTC
CCGCCAAGGCCTGGCTCTTCCGGAGGTCAATTGTGCCTGCAGGATCAGTTGAGCCCTGCTGGTGTGC
TGCAAGGTGTGATGAGGTGGGAGCCCTCAGTGCCAGCCTCATCACTGTGTGACCCCTGGGTCTGCTTTA
GCCTCCCATGGCTCACGTTCTGCCCCTGGATGGGATGTGAGTGGGGCCACATCGTGGAGCTGTGGTG
GGGCTGCAGTCATGAATGGCAAGTGGTCCCTGATGTGCAGTGTCTCATTAGTTGCACTGCAGTTAACT
GTGGCTCTGCAGGGCACCCCTGCCAGAATGCCAGAAGAGAACCATGCATACCTGCACTGCATTTGAG
AGCCATGAGCTGGAGGCTGTGGTTCGTGCCAGCAAGGAGCCTACTGTCTGGTGTGCTGTAGGCATCTGG
AGAGGGAGAGGGCTGGGTAGGAGCTGGGAGGAAGATAATTTCAACTATGGGGCTTCAGTACTGCAGC
GCCCGAGCCAGGCTCTGTGCTTCTGCCTTTAAGGCCTGTCTCAGCACAATGTCTCAAAAATAGGTCA
TATCCTGCCACTCCCGTCGCAGAGCCCTTAAATGGTTCCAAACCCTAAGTCCACACATAGCCCTGGCT
CTGGCATCTCTCCAGCCCCACTGGCCCCGAGCTGCTTGACTCACCGGCTTCTATTTGATGCACCCAGG
CCCCCTTGTTGGCCAACCTCCCTCCCTTCTCACTGAGGCAGAAGCACTGAGGTGGGCTGGACATGGGTGC
CCTCCACGTCCCTCATATCCCCAGGCACACTCTGGCCTCAGGTTTTGCCCTGGCCATGTCATCTACCTG
GAGTGGGCCCTCCCTTCTCAGGCCTTGAATCAAAGCCACTTTGTTAGGCGAGGATTTCCAGACCA
CTCATCATAAAAAATATTTTGAAAACATGCAGTAAAGTTGACTCTTGGGGTGCAGTTTTTGCACAC
GTAGGGCACACCAAGGTCATCCCCAGAACAATCCCATGCTGTCTATTGTGGTCATGTGCTTCTCCAC
CCCCACCACTTAGCGGTGCTACATCCCTATAGTTTTGCTTTCTCTAGAATGTCATGTAATAGAACCA
AACTATATTTAACCTTT
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**Restriction Sites:** SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_013284.4</a>
<b>Summary:</b>	Gap-filling polymerase involved in repair of DNA double-strand breaks by non-homologous end joining (NHEJ). Participates in immunoglobulin (Ig) light chain gene rearrangement in V(D)J recombination.[UniProtKB/Swiss-Prot Function]
<b>Locus ID:</b>	27434
<b>MW:</b>	45.8