

DNA-directed DNA/RNA polymerase mu (POLM) Recombinant Protein | POLM recombinant protein

Recombinant Human DNA-directed DNA/RNA polymerase mu (POLM)

CATALOG # AAA116571	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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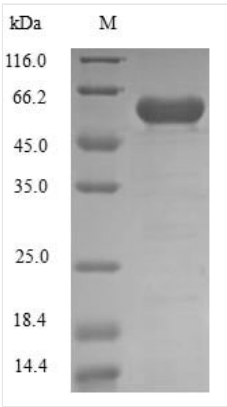
PRODUCT SYNONYMS

DNA-directed DNA/RNA polymerase mu (POLM); Recombinant Human DNA-directed DNA/RNA polymerase mu (POLM); DNA-directed DNA/RNA polymerase mu; Pol Mu; EC=2.7.7.7; Terminal transferase; POLM recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-494aa; Full Length
Sequence	MLPKRRRRARV GSPSGDAASS TPPSTRFPGV AIYLVEPRMG RSRRFLTGL ARSKGFRVLD ACSSEATHVV MEETSAAEAV SWQERRMAAA PPGCTPPALL DISWLTESLG AGQPVPVECR HRLEVAGPRK GPLSPAWMMPA YACQRPTPLT HHNTGLSEAL EILAEAAGFE GSEGRLLTFC RAASVLKALP SPVTTLSQLQ GLPHFGEHSS RVVQELLEHG VCEEVERVRR SERYQTMKLF TQIFGVGVT ADRWYREGLR TLDDLREQPQ KLTQQQKAGL QHHQDLSTPV LRSDVDALQQ VVEEAVGQAL PGATVTLTGG FRRGKLQGHV VDFLITPKQ GQEAGLLPRV MCRLQDQGLI LYHQHQHSCC ESPTRLAQQS HMDAFERSFC IFRLPQPPGA AVGGSTRPCP SWKAVRVDLV VAPVSQFPFA LLGWTGSKLF QRELRRFSRK EKGLWLNSHG LFDPEQKTFF QAASEEDIFR HLGLEYLPPE QRNA
Species	Homo sapiens (Human)
Production Note	Special Offer: The Baculovirus, E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. Baculovirus, E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The Baculovirus, E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select Baculovirus, E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for POLM recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	547234859
NCBI GeneID	27434
NCBI Accession #	NP_001271259.1
NCBI GenBank Nucleotide #	NM_001284330.1
UniProt Accession #	Q9NP87; Q6P5X8; Q86WQ9; D3DVK4
Molecular Weight	57.3 kDa
NCBI Official Full Name	DNA-directed DNA/RNA polymerase mu isoform 2
NCBI Official Synonym Full Names	polymerase (DNA directed), mu
NCBI Official Symbol	POLM
NCBI Official Synonym Symbols	Tdt-N; Pol Mu
NCBI Protein Information	DNA-directed DNA/RNA polymerase mu; Pol iota; DNA polymerase mu; terminal transferase; polymerase (DNA-directed), mu
UniProt Protein Name	DNA-directed DNA/RNA polymerase mu
UniProt Gene Name	POLM
UniProt Synonym Gene Names	polmu; Pol Mu
UniProt Entry Name	DPOLM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.