DNA-directed RNA polymerase, mitochondrial (Polrmt) Recombinant Protein | Polrmt recombinant protein

Recombinant Mouse DNA-directed RNA polymerase, mitochondrial (Polrmt) , partial

CATALOG #	HOST
AAA117601	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

DNA-directed RNA polymerase; mitochondrial (Polrmt); Recombinant Mouse DNA-directed RNA polymerase; partial; Polrmt 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	773-1207aa; partial
Sequence	FRGRTYPCPP HFNHLGSDLA RALLEFAEGR PLGPRGLDWL KIHLINLTGL KKGDSLRMRL AFADEVMEEI LDSADNPLTG RKWWMEADEP WQTLACCMEV AHAVRSPDPA AYISHLPVHQ DGSCNGLQHY AALGRDSVGA ASVNLTPSDL PQDVYREVAT QVEEFRQQDA KEGLRVAQVL EGFISRKVVK QTVMTVVYGV TRYGGRLQIE KRLRELSDFP QEFVWEASHY LVRQVFKSLQ EMFTSTRAIQ HWLTESANLI SHAGWPVEWV TPLGIPIIQP YHRESKVQVK GGLQSITLTS SVDESQKPNT LKQKNGFPPN FIHSLDSSHM MLTALHCYRK GLIFVSVHDC FWTHAADIPT MNEVCREQFV RLHSQPILED LAKFLKKRFC SVSSIKSLKS SERALVTKLQ ETLQSLPKTG TFDLGQVIRS TYFFS
Species	Mouse
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.

ADDITIONAL INFORMATION

Related Product Information for Polrmt recombinant protein	This gene encodes a mitochondrial DNA-directed RNA polymerase. The gene product is responsible for mitochondrial gene expression as well as for providing RNA primers for initiation of replication of the mitochondrial genome. Although this polypeptide has the same function as the three nuclear DNA-directed RNA polymerases, it is more closely related to RNA polymerases of phage and mitochondrial polymerases of lower eukaryotes.

NCBI AND UNIPROT INFORMATION

NCBI GI #	281332113
NCBI GeneID	216151
NCBI Accession #	NP_766139.2
NCBI GenBank Nucleotide #	NM_172551.3
UniProt Accession #	Q8BKF1; Q8BJE0
Molecular Weight	136,705 Da
NCBI Official Full Name	DNA-directed RNA polymerase, mitochondrial
NCBI Official Synonym Full Names	polymerase (RNA) mitochondrial (DNA directed)

NCBI Official Symbol	Polrmt
NCBI Official Synonym Symbols	4932416K13; 1110018N15Rik
NCBI Protein Information	DNA-directed RNA polymerase, mitochondrial
UniProt Protein Name	DNA-directed RNA polymerase, mitochondrial
UniProt Gene Name	**Polrmt**
UniProt Synonym Gene Names	MtRPOL

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.

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Online datasheet: https://stage.aaabiotech.com/polrmt-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117601