

Recombinant Human POLRMT protein

Cat. No. POLRMT-1578H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant POLRMT was expressed in and purified from E. coli.
Species	Human
Source	E.coli
Description	POLRMT is a single-subunit DNA-dependent RNA polymerase that is found in human mitochondria. It is homologous to T7 RNAP. It functions to transcribe the mitochondrial genome to produce mRNAs, tRNAs and the RNA primers used for DNA replication.
Form	10 mM Tris-HCl (pH 8.0), 1 mM DTT, 100 mM NaCl and 20% glycerol.
Molecular Mass	134 kDa
Storage	Stable for 6 months at -70 centigrade from date of shipment. Please aliquot to avoid repeated freezing and thawing.
Concentration	0.5 mg/ml

GENE INFORMATION

Gene Name	POLRMT polymerase (RNA) mitochondrial (DNA directed) [Homo sapiens]
Official Symbol	POLRMT

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Synonyms	POLRMT; polymerase (RNA) mitochondrial (DNA directed); DNA-directed RNA polymerase, mitochondrial; APOLMT; h mtRPOL; MTRNAP; MTRPOL; h-mtRPOL;
Gene ID	5442
mRNA Refseq	NM_005035
Protein Refseq	NP_005026
MIM	601778
UniProt ID	O00411

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