

DNA-directed RNA polymerase 3, chloroplastic (RPOT3), Recombinant Protein

Cat *RP17742*

Species

Nicotiana sylvestris (Wood tobacco) (South American tobacco)

Full Product Name

Recombinant *Nicotiana sylvestris* DNA-directed RNA polymerase 3, chloroplastic (RPOT3), partial

Product Gene Name

RPOT3 recombinant protein

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

111,424 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

Protein Family

DNA-directed RNA polymerase

NCBI Accession

NP_001289533.1

NCBI GI

700583680

NCBI GenBank Nucleotide

NM_001302604.2

NCBI GenID

104216269

NCBI Official Full Name

DNA-directed RNA polymerase 3, chloroplastic

NCBI Official Symbol

LOC104216269

NCBI Official Synonym Symbols

rpoT3; RPOT-C; NsRpoT-C

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

DNA-directed RNA polymerase 3, chloroplastic (RPOT3), Recombinant Protein

Cat *RP17742*

NCBI Protein Information

DNA-directed RNA polymerase 3, chloroplastic

UniProt Gene Name

RPOT3

UniProt Synonym Gene Names

RPOT-C

UniProt Protein Name

DNA-directed RNA polymerase 3, chloroplastic

UniProt Synonym Protein Names

NsRpoT-C; T7 bacteriophage-type single subunit RNA polymerase 3

UniProt Primary Accession

P69242

UniProt Related Accession

P69242

UniProt Comments

DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates.

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