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Product datasheet for SC127477

Poly(A) RNA polymerase, mitochondrial (MTPAP) (NM_018109) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Poly(A) RNA polymerase, mitochondrial (MTPAP) (NM_018109) Human Untagged Clone
Tag:	Tag Free
Symbol:	Poly(A) RNA polymerase, mitochondrial
Synonyms:	PAPD1; SPAX4; TENT6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Restriction Sites:	NotI-NotI
ACCN:	NM_018109
Insert Size:	2430 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_018109.2, NP_060579.2

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RefSeq Size:	5620 bp
Locus ID:	55149
UniProt ID:	Q9NVV4
Cytogenetics:	10p11.23
Domains:	PAP_assoc
Gene Summary:	The protein encoded by this gene is a member of the DNA polymerase type-B-like family. This enzyme synthesizes the 3' poly(A) tail of mitochondrial transcripts and plays a role in replication-dependent histone mRNA degradation.[provided by RefSeq, Jan 2011]