



Human MTPAP peptide (DAG-P1059)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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]
Specificity	Ubiquitous, with stronger expression in tissues with high energy requirements: heart, brain, and skeletal muscle.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the DNA polymerase type-B-like family.Contains 1 PAP-associated domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	MTPAP mitochondrial poly(A) polymerase [Homo sapiens (human)]
Official Symbol	MTPAP
Synonyms	MTPAP; mitochondrial poly(A) polymerase; PAPD1; SPAX4; poly(A) RNA polymerase, mitochondrial; TUTase 1; terminal uridylyltransferase 1; polynucleotide adenylyltransferase; PAP-associated domain-containing protein 1;
Entrez Gene ID	55149

mRNA Refseq	NM_018109.3
Protein Refseq	NP_060579.3
UniProt ID	Q9NVV4
Chromosome Location	10p11.23
Function	ATP binding; UTP binding; identical protein binding; magnesium ion binding; manganese ion binding; poly(A) RNA binding; polynucleotide adenylyltransferase activity; protein binding; protein homodimerization activity;