



Human ENDOG peptide (DAG-P1552)

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 nuclear encoded endonuclease that is localized in the mitochondrion. The encoded protein is widely distributed among animals and cleaves DNA at GC tracts. This protein is capable of generating the RNA primers required by DNA polymerase gamma to initiate replication of mitochondrial DNA. [provided by RefSeq, Jul 2008]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
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	ENDOG endonuclease G [Homo sapiens (human)]
Official Symbol	ENDOG
Synonyms	ENDOG; endonuclease G; endonuclease G, mitochondrial; endo G; mitochondrial endonuclease G;
Entrez Gene ID	2021
mRNA Refseq	NM_004435.2
Protein Refseq	NP_004426.2
UniProt ID	E5KNL5

Chromosome Location	9q34.1
Pathway	Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Apoptosis Modulation and Signaling, organism-specific biosystem;
Function	endonuclease activity; metal ion binding; nuclease activity; nucleic acid binding;