



Human EndoG blocking peptide (CDBP1124)

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

PRODUCT INFORMATION

Product Overview	EndoG (N - term) peptide (human)
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.
Nature	Synthetic
Expression System	N/A
Species	Human
Species Reactivity	Human
Conjugate	Unconjugated
Applications	BL
Procedure	None
Concentration	0.2 mg/ml
Size	50 µg
Buffer	PBS with 0.1% BSA 0.02% sodium azide pH7.2
Preservative	0.02% Sodium Azide
Storage	Upon receipt - Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid freeze-thaw cycles.

ANTIGEN GENE INFORMATION

Gene Name	ENDOG endonuclease G [Homo sapiens]
Official Symbol	EndoG
Synonyms	ENDOG; endonuclease G; endonuclease G, mitochondrial; endo G; mitochondrial endonuclease G; FLJ27463;
Entrez Gene ID	2021
mRNA Refseq	NM_004435
Protein Refseq	NP_004426
UniProt ID	Q14249
Chromosome Location	9q34.1
Pathway	Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem;
Function	endonuclease activity; hydrolase activity; metal ion binding; nucleic acid binding;