



# Human EndoG blocking peptide (CDBP1124)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	EndoG ( N - term ) peptide ( human )
<b>Antigen Description</b>	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.
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	BL
<b>Concentration</b>	0.2 mg/ml
<b>Size</b>	50 µg
<b>Buffer</b>	PBS with 0.1% BSA 0.02% sodium azide pH7.2
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Upon receipt - Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid freeze-thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ENDOG endonuclease G [ Homo sapiens ]</a>
<b>Official Symbol</b>	EndoG
<b>Synonyms</b>	ENDOG; endonuclease G; endonuclease G, mitochondrial; endo G; mitochondrial endonuclease G; FLJ27463;

<b>Entrez Gene ID</b>	<a href="#">2021</a>
<b>mRNA Refseq</b>	<a href="#">NM_004435</a>
<b>Protein Refseq</b>	<a href="#">NP_004426</a>
<b>UniProt ID</b>	Q14249
<b>Chromosome Location</b>	9q34.1
<b>Pathway</b>	Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem;
<b>Function</b>	endonuclease activity; hydrolase activity; metal ion binding; nucleic acid binding;