



# ENDOG blocking peptide (CDBP5415)

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

## PRODUCT INFORMATION

|                            |  |
|----------------------------|--|
| <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. [provided by RefSeq, Jul 2008] |
| <b>Conjugate</b>           | Unconjugated   |
| <b>Applications</b>        | Used as a blocking peptide in immunoblotting applications.   |
| <b>Format</b>              | Liquid   |
| <b>Concentration</b>       | 200 µg/mL  |
| <b>Size</b>                | 0.05 mg  |
| <b>Preservative</b>        | None   |
| <b>Storage</b>             | -20°C  |

## GENE INFORMATION

|                        |  |
|------------------------|--|
| <b>Gene Name</b>       | <a href="#">ENDOG endonuclease G [ Homo sapiens (human) ]</a>                              |
| <b>Official Symbol</b> | ENDOG  |
| <b>Synonyms</b>        | ENDOG; endonuclease G; endonuclease G, mitochondrial; endo G; mitochondrial endonuclease G |
| <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>Pathway</b>        | Apoptosis; Apoptosis Modulation and Signaling                                     |
| <b>Function</b>       | endonuclease activity; metal ion binding; nuclease activity; nucleic acid binding |