Recombinant Full Length Human ENDOG Protein, GST-tagged

Cat. No. ENDOG-4295HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ENDOG full-length ORF (AAH04922.1, 50 a.a. - 297 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	297 amino acids
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]
Molecular Mass	53.02 kDa
AA Sequence	ELPPVPGGPRGPGELAKYGLPGLAQLKSRESYVLCYDPRTRGALWVVEQLRPERL RGDGDRRECDFREDDSVHAYHRATNADYRGSGFDRGHLAAAANHRWSQKAMDD TFYLSNVAPQVPHLNQNAWNNLEKYSRSLTRSYQNVYVCTGPLFLPRTEADGKSYV KYQVIGKNHVAVPTHFFKVLILEAAGGQIELRTYVMPNAPVDEAIPLERFLVPIESIERA SGLLFVPNILARAGSLKAITAGSK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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;
Gene ID	2021
mRNA Refseq	NM_004435
Protein Refseq	NP_004426
MIM	600440
UniProt ID	Q14249

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA