

## Recombinant Human EXOG, GST-tagged

Cat. No. EXOG-12592H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human EXOG protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	C-term-228a.a.
<b>Description</b>	This gene encodes an endo/exonuclease with 5-3 exonuclease activity. The encoded enzyme catalyzes the hydrolysis of ester linkages at the 5 end of a nucleic acid chain. This enzyme is localized to the mitochondria and may play a role in programmed cell death. Alternatively spliced transcript variants have been described. A pseudogene exists on chromosome 18.
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

**Gene Name** EXOG endo/exonuclease (5-3), endonuclease G-like [ Homo sapiens ]

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Official Symbol</b>	EXOG
<b>Synonyms</b>	EXOG; endo/exonuclease (5-3), endonuclease G-like; ENDOGL1, ENDOGL2, endonuclease G like 1 , endonuclease G like 2; nuclease EXOG, mitochondrial; ENGL; ENGL a; ENGL b; endo G-like 1; endonuclease G-like 1; endonuclease G-like 2; ENGLA; ENGLB; ENGL-a; ENGL-b; ENDOGL1; ENDOGL2; MGC125944; MGC125945;
<b>Gene ID</b>	9941
<b>mRNA Refseq</b>	NM_001145464
<b>Protein Refseq</b>	NP_001138936
<b>MIM</b>	604051
<b>UniProt ID</b>	Q9Y2C4
<b>Chromosome Location</b>	3p21.3
<b>Function</b>	endonuclease activity; hydrolase activity; metal ion binding; nucleic acid binding;

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