

Recombinant Human EXOG, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human EXOG protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-228a.a.
Description	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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 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]
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Official Symbol	EXOG
Synonyms	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;
Gene ID	9941
mRNA Refseq	NM_001145464
Protein Refseq	NP_001138936
MIM	604051
UniProt ID	Q9Y2C4
Chromosome Location	3p21.3
Function	endonuclease activity; hydrolase activity; metal ion binding; nucleic acid binding;