

## Recombinant Human EXOG Protein, GST-tagged

**Cat. No.** EXOG-3565H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human ENDOGL1 partial ORF ( NP_005098.1, 269 a.a. - 368 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                 |
| <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. [provided by RefSeq, Feb 2009] |
| <b>Molecular Mass</b>   | 36.74 kDa                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | LQDLEKLSGLVFFPHLDRTSDIRNICSVDTCCKLLDFQEFTLYLSTRKIEGARSVLRLEKI<br>MENLKNAEIEPDDYFMSRYEKKLEELKAKEQSGTQIRKPS                                                                                                                                                                                                                                                                                                  |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                                                                                                          |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                                                                                                                                     |

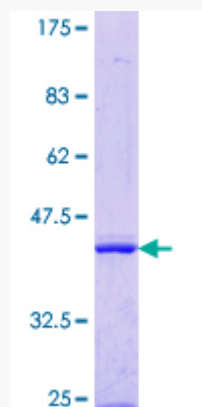
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|                         |                                                                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                   |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                   |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                            |
| <b>Gene Name</b>        | EXOG endo/exonuclease (5-3), endonuclease G-like [ Homo sapiens ]                                                                                                                                                                                                                                          |
| <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                                                                                                                                                                                                                                                                                                     |

**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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