

## Human EXOG Knockdown Cell Lysate

Cat. No. EXOG-161HKCL Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | WB-validated EXOG Knockdown HeLa Cell Lysate   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | HeLa   |
| <b>Description</b>      | <p>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.</p> |
| <b>Form</b>             | Cell-Tissue Lysis buffer   |
| <b>Molecular Mass</b>   | 41 kDa   |
| <b>Notes</b>            | <p>Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.</p>  |
| <b>Storage</b>          | Store at -20 centigrade for two years.   |
| <b>Concentration</b>    | Lot-specific   |

 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>Shipping</b>         | Blue Ice   |
| <b>Components</b>       | 1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg EXOG KD HeLa cell lysate |
| <b>Protein Families</b> | Druggable Genome, Transmembrane  |
| <b>Protein Pathways</b> | Apoptosis  |
| <b>Lysate QC</b>        | RT-qPCR; Western Blotting (WB)   |

## GENE INFORMATION

|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | EXOG endo/exonuclease (5-3), endonuclease G-like [ Homo sapiens (human) ]   |
| <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  |

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