

# Human PELP1 Knockdown Cell Lysate

Cat. No. PELP1-388HKCL Lot. No. (See product label)

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | WB-validated PELP1 Knockdown HeLa Cell Lysate  |
| <b>Species</b>          | Human  |
| <b>Source</b>           | HeLa   |
| <b>Description</b>      | This gene encodes a transcription factor which coactivates transcription of estrogen receptor responsive genes and corepresses genes activated by other hormone receptors or sequence-specific transcription factors. Expression of this gene is regulated by both members of the estrogen receptor family. This gene may be involved in the progression of several types of cancer. Alternative splicing results in multiple transcript variants. |
| <b>Form</b>             | Cell-Tissue Lysis buffer   |
| <b>Molecular Mass</b>   | 120 kDa  |
| <b>Notes</b>            | 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.   |
| <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 PELP1 KD HeLa cell lysate |
| <b>Protein Families</b> | Druggable Genome, Stem cell - Pluripotency                                      |
| <b>Lysate QC</b>        | RT-qPCR; Western Blotting (WB)  |

## GENE INFORMATION

|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | PELP1 proline, glutamate and leucine rich protein 1 [ Homo sapiens (human) ]  |
| <b>Official Symbol</b> | PELP1   |
| <b>Synonyms</b>        | PELP1; proline, glutamate and leucine rich protein 1; proline, glutamic acid and leucine rich protein 1; proline-, glutamic acid- and leucine-rich protein 1; MNAR; transcription factor HMX3; proline and glutamic acid rich nuclear protein; proline-, glutamic acid-, leucine-rich protein 1; modulator of nongenomic activity of estrogen receptor; modulator of non-genomic activity of estrogen receptor; HMX3; P160; |
| <b>Gene ID</b>         | 27043   |
| <b>mRNA Refseq</b>     | NM_014389   |
| <b>Protein Refseq</b>  | NP_055204   |
| <b>MIM</b>             | 609455  |
| <b>UniProt ID</b>      | Q8IZL8  |

 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