

## Human PLSCR1 Knockdown Cell Lysate

**Cat. No.** PLSCR1-392HKCL    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | WB-validated PLSCR1 Knockdown HeLa Cell Lysate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | HeLa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>      | <p>This gene encodes a phospholipid scramblase family member. The encoded protein is involved in disruption of the asymmetrical distribution of phospholipids between the inner and outer leaflets of the plasma membrane, resulting in externalization of phosphatidylserine. This cell membrane disruption plays an important role in the blood coagulation cascade as well as macrophage clearing of apoptotic cells. The encoded protein has additionally been implicated in gene regulation and interferon-induced antiviral responses.</p> |
| <b>Form</b>             | Cell-Tissue Lysis buffer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | 35 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

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|-------------------------|----------------------------------------------------------------------------------|
| <b>Concentration</b>    | Lot-specific                                                                     |
| <b>Shipping</b>         | Blue Ice                                                                         |
| <b>Components</b>       | 1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg PLSCR1 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>       | PLSCR1 phospholipid scramblase 1 [ Homo sapiens (human) ]                                                                                     |
| <b>Official Symbol</b> | PLSCR1                                                                                                                                        |
| <b>Synonyms</b>        | PLSCR1; phospholipid scramblase 1; MMTRA1B; PL scramblase 1; erythrocyte phospholipid scramblase; ca(2+)-dependent phospholipid scramblase 1; |
| <b>Gene ID</b>         | 5359                                                                                                                                          |
| <b>mRNA Refseq</b>     | NM_021105                                                                                                                                     |
| <b>Protein Refseq</b>  | NP_066928                                                                                                                                     |
| <b>MIM</b>             | 604170                                                                                                                                        |
| <b>UniProt ID</b>      | O15162                                                                                                                                        |

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