

## Human LAMP2 Knockdown Cell Lysate

**Cat. No.** LAMP2-363HKCL    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | WB-validated LAMP2 Knockdown HeLa Cell Lysate                                                                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | HeLa                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>      | The protein encoded by this gene is a member of a family of membrane glycoproteins. This glycoprotein provides selectins with carbohydrate ligands. It may play a role in tumor cell metastasis. It may also function in the protection, maintenance, and adhesion of the lysosome. Alternative splicing of this gene results in multiple transcript variants encoding distinct proteins. |
| <b>Form</b>             | Cell-Tissue Lysis buffer                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | 45 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 LAMP2 KD HeLa cell lysate |
| <b>Protein Families</b> | Druggable Genome, ES Cell Differentiation/IPS, Transmembrane                    |
| <b>Protein Pathways</b> | Lysosome                                                                        |
| <b>Lysate QC</b>        | RT-qPCR; Western Blotting (WB)                                                  |

## GENE INFORMATION

|                        |                                                                                                                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | LAMP2 lysosomal-associated membrane protein 2 [ Homo sapiens (human) ]                                                                                                                                  |
| <b>Official Symbol</b> | LAMP2                                                                                                                                                                                                   |
| <b>Synonyms</b>        | LAMP2; lysosomal-associated membrane protein 2; lysosome-associated membrane glycoprotein 2; CD107b; CD107 antigen-like family member B; lysosome-associated membrane protein 2; LAMPB; LAMP-2; LGP110; |
| <b>Gene ID</b>         | 3920                                                                                                                                                                                                    |
| <b>mRNA Refseq</b>     | NM_001122606                                                                                                                                                                                            |
| <b>Protein Refseq</b>  | NP_001116078                                                                                                                                                                                            |
| <b>MIM</b>             | 309060                                                                                                                                                                                                  |
| <b>UniProt ID</b>      | P13473                                                                                                                                                                                                  |

 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