

## Human LAP3 Knockdown Cell Lysate

**Cat. No.** LAP3-364HKCL    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | WB-validated LAP3 Knockdown HeLa Cell Lysate                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | HeLa                                                                                                                                                                                                                                                                             |
| <b>Description</b>      | Predicted to enable peptidase activity. Predicted to be involved in proteolysis. Located in several cellular components, including extracellular exosome; focal adhesion; and mitochondrion.                                                                                     |
| <b>Form</b>             | Cell-Tissue Lysis buffer                                                                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | 56 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                                                                                                                                                                                                                                                                     |
| <b>Shipping</b>         | Blue Ice                                                                                                                                                                                                                                                                         |

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|                         |                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Components</b>       | 1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg LAP3 KD HeLa cell lysate                                                                                                         |
| <b>Protein Families</b> | Druggable Genome, Protease                                                                                                                                                             |
| <b>Protein Pathways</b> | Arginine and proline metabolism, Glutathione metabolism, Metabolic pathways                                                                                                            |
| <b>Lysate QC</b>        | RT-qPCR; Western Blotting (WB)                                                                                                                                                         |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                        |
| <b>Gene Name</b>        | LAP3 leucine aminopeptidase 3 [ Homo sapiens (human) ]                                                                                                                                 |
| <b>Official Symbol</b>  | LAP3                                                                                                                                                                                   |
| <b>Synonyms</b>         | LAP3; leucine aminopeptidase 3; PEPS, peptidase S; cytosol aminopeptidase; LAP; LAPEP; LAP-3; peptidase S; leucyl aminopeptidase; prolyl aminopeptidase; proline aminopeptidase; PEPS; |
| <b>Gene ID</b>          | 51056                                                                                                                                                                                  |
| <b>mRNA Refseq</b>      | NM_015907                                                                                                                                                                              |
| <b>Protein Refseq</b>   | NP_056991                                                                                                                                                                              |
| <b>MIM</b>              | 170250                                                                                                                                                                                 |
| <b>UniProt ID</b>       | P28838                                                                                                                                                                                 |

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