

## Human CAP1 Knockdown Cell Lysate

Cat. No. CAP1-082HKCL Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | WB-validated CAP1 Knockdown HeLa Cell Lysate  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | HeLa  |
| <b>Description</b>      | The protein encoded by this gene is related to the <i>S. cerevisiae</i> CAP protein, which is involved in the cyclic AMP pathway. The human protein is able to interact with other molecules of the same protein, as well as with CAP2 and actin. Alternatively spliced transcript variants encoding different isoforms have been identified. |
| <b>Form</b>             | Cell-Tissue Lysis buffer  |
| <b>Molecular Mass</b>   | 52 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 CAP1 KD HeLa cell lysate  |
| <b>Protein Families</b> | Druggable Genome  |
| <b>Lysate QC</b>        | RT-qPCR; Western Blotting (WB)  |
| <b>GENE INFORMATION</b> |   |
| <b>Gene Name</b>        | CAP1 CAP, adenylate cyclase-associated protein 1 (yeast) [ Homo sapiens (human) ]                                       |
| <b>Official Symbol</b>  | CAP1  |
| <b>Synonyms</b>         | CAP1; CAP, adenylate cyclase-associated protein 1 (yeast); adenylyl cyclase-associated protein 1; CAP; CAP 1; CAP1-PEN; |
| <b>Gene ID</b>          | 10487   |
| <b>mRNA Refseq</b>      | NM_001105530  |
| <b>Protein Refseq</b>   | NP_001099000  |
| <b>MIM</b>              | 617801  |
| <b>UniProt ID</b>       | Q01518  |

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