

## Human TRIB3 Knockdown Cell Lysate

**Cat. No.** TRIB3-310HKCL    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | WB-validated TRIB3 Knockdown HeLa Cell Lysate                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | HeLa                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | The protein encoded by this gene is a putative protein kinase that is induced by the transcription factor NF-kappaB. The encoded protein is a negative regulator of NF-kappaB and can also sensitize cells to TNF- and TRAIL-induced apoptosis. In addition, this protein can negatively regulate the cell survival serine-threonine kinase AKT1. Differential promoter usage and alternate splicing result in multiple transcript variants. |
| <b>Form</b>             | Cell-Tissue Lysis buffer                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | 40 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                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Shipping</b>         | Blue Ice                                                                                                                                                                                                                                                                                                                                        |
| <b>Components</b>       | 1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg TRIB3 KD HeLa cell lysate                                                                                                                                                                                                                                                                 |
| <b>Protein Families</b> | Druggable Genome, Protein Kinase, Transcription Factors                                                                                                                                                                                                                                                                                         |
| <b>Lysate QC</b>        | RT-qPCR; Western Blotting (WB)                                                                                                                                                                                                                                                                                                                  |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                 |
| <b>Gene Name</b>        | TRIB3 tribbles homolog 3 (Drosophila) [ Homo sapiens (human) ]                                                                                                                                                                                                                                                                                  |
| <b>Official Symbol</b>  | TRIB3                                                                                                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>         | TRIB3; tribbles homolog 3 (Drosophila); C20orf97, chromosome 20 open reading frame 97; tribbles homolog 3; DJ1103G7.3; TRB3; TRB-3; p65-interacting inhibitor of NF-kappaB; p65-interacting inhibitor of NF-kappa-B; neuronal cell death inducible putative kinase; neuronal cell death-inducible putative kinase; NIPK; SINK; SKIP3; C20orf97; |
| <b>Gene ID</b>          | 57761                                                                                                                                                                                                                                                                                                                                           |
| <b>mRNA Refseq</b>      | NM_021158                                                                                                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>   | NP_066981                                                                                                                                                                                                                                                                                                                                       |
| <b>MIM</b>              | 607898                                                                                                                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>       | Q96RU7                                                                                                                                                                                                                                                                                                                                          |

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