

## Human RANBP9 Knockdown Cell Lysate

**Cat. No.** RANBP9-288HKCL    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | WB-validated RANBP9 Knockdown HeLa Cell Lysate                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | HeLa                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | This gene encodes a protein that binds RAN, a small GTP binding protein belonging to the RAS superfamily that is essential for the translocation of RNA and proteins through the nuclear pore complex. The protein encoded by this gene has also been shown to interact with several other proteins, including met proto-oncogene, homeodomain interacting protein kinase 2, androgen receptor, and cyclin-dependent kinase 11. |
| <b>Form</b>             | Cell-Tissue Lysis buffer                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Molecular Mass</b>   | 78 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

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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 RANBP9 KD HeLa cell lysate |
| <b>Protein Families</b> | Druggable Genome                                                                 |
| <b>Lysate QC</b>        | RT-qPCR; Western Blotting (WB)                                                   |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                  |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | RANBP9 RAN binding protein 9 [ Homo sapiens (human) ]                                                                                                                                                                                            |
| <b>Official Symbol</b> | RANBP9                                                                                                                                                                                                                                           |
| <b>Synonyms</b>        | RANBP9; RAN binding protein 9; ran-binding protein 9; Ran Binding Protein in the Microtubule organizing center; RanBPM; ran-binding protein M; novel centrosomal protein RanBPM; ran binding protein, centrosomal; BPM-L; BPM90; RANBPM; RanBP7; |
| <b>Gene ID</b>         | 10048                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>     | NM_005493                                                                                                                                                                                                                                        |
| <b>Protein Refseq</b>  | NP_005484                                                                                                                                                                                                                                        |
| <b>MIM</b>             | 603854                                                                                                                                                                                                                                           |
| <b>UniProt ID</b>      | Q96S59                                                                                                                                                                                                                                           |

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