

# Human RXRA Knockdown Cell Lysate

**Cat. No.** RXRA-292HKCL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | WB-validated RXRA Knockdown HeLa Cell Lysate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | HeLa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | Retinoid X receptors (RXRs) and retinoic acid receptors (RARs) are nuclear receptors that mediate the biological effects of retinoids by their involvement in retinoic acid-mediated gene activation. These receptors function as transcription factors by binding as homodimers or heterodimers to specific sequences in the promoters of target genes. The protein encoded by this gene is a member of the steroid and thyroid hormone receptor superfamily of transcriptional regulators. Alternative splicing of this gene results in multiple transcript variants. |
| <b>Form</b>             | Cell-Tissue Lysis buffer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Molecular Mass</b>   | 51 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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|                         |                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Concentration</b>    | Lot-specific                                                                                                                                    |
| <b>Shipping</b>         | Blue Ice                                                                                                                                        |
| <b>Components</b>       | 1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg RXRA KD HeLa cell lysate                                                                  |
| <b>Protein Families</b> | Druggable Genome, Nuclear Hormone Receptor, Transcription Factors                                                                               |
| <b>Protein Pathways</b> | Adipocytokine signaling pathway, Non-small cell lung cancer, Pathways in cancer, PPAR signaling pathway, Small cell lung cancer, Thyroid cancer |
| <b>Lysate QC</b>        | RT-qPCR; Western Blotting (WB)                                                                                                                  |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                 |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">RXRA retinoid X receptor, alpha [ Homo sapiens (human) ]</a>                                                                                                                                        |
| <b>Official Symbol</b> | <a href="#">RXRA</a>                                                                                                                                                                                            |
| <b>Synonyms</b>        | RXRA; retinoid X receptor, alpha; retinoic acid receptor RXR-alpha; NR2B1; nuclear receptor subfamily 2 group B member 1; retinoid X nuclear receptor alpha; FLJ00280; FLJ00318; FLJ16020; FLJ16733; MGC102720; |
| <b>Gene ID</b>         | <a href="#">6256</a>                                                                                                                                                                                            |
| <b>mRNA Refseq</b>     | <a href="#">NM_002957</a>                                                                                                                                                                                       |
| <b>Protein Refseq</b>  | <a href="#">NP_002948</a>                                                                                                                                                                                       |
| <b>MIM</b>             | <a href="#">180245</a>                                                                                                                                                                                          |

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**UniProt ID**

P19793

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