

Human IRAK3 Knockdown Cell Lysate

Cat. No. IRAK3-211HKCL Lot. No. (See product label)

SPECIFICATION

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| Product Overview | WB-validated IRAK3 Knockdown HeLa Cell Lysate |
| Species | Human |
| Source | HeLa |
| Description | <p>This gene encodes a member of the interleukin-1 receptor-associated kinase protein family. Members of this family are essential components of the Toll/IL-R immune signal transduction pathways. This protein is primarily expressed in monocytes and macrophages and functions as a negative regulator of Toll-like receptor signaling. Mutations in this gene are associated with a susceptibility to asthma. Alternate splicing results in multiple transcript variants.</p> |
| Form | Cell-Tissue Lysis buffer |
| Molecular Mass | 68 kDa |
| Notes | <p>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.</p> |
| Storage | Store at -20 centigrade. |
| Concentration | Lot-specific |

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| Shipping | Blue Ice |
| Components | 1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg IRAK3 KD HeLa cell lysate |
| Protein Families | Druggable Genome, Protein Kinase |
| Protein Pathways | Apoptosis, Neurotrophin signaling pathway |
| Lysate QC | RT-qPCR; Western Blotting (WB) |

GENE INFORMATION

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|------------------------|---|
| Gene Name | IRAK3 interleukin-1 receptor-associated kinase 3 [Homo sapiens (human)] |
| Official Symbol | IRAK3 |
| Synonyms | IRAK3; interleukin-1 receptor-associated kinase 3; IRAK M; IL-1 receptor-associated kinase M; ASRT5; IRAKM; FLJ13601; |
| Gene ID | 11213 |
| mRNA Refseq | NM_001142523 |
| Protein Refseq | NP_001135995 |
| MIM | 604459 |
| UniProt ID | Q9Y616 |

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