

Human IRAK3 Knockdown Cell Lysate

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

SPECIFICATION

Product Overview	WB-validated IRAK3 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	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.
Form	Cell-Tissue Lysis buffer
Molecular Mass	68 kDa
Notes	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.
Storage	Store at -20 centigrade.
Concentration	Lot-specific

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

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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