

# Human IL13RA1 Knockdown Cell Lysate

**Cat. No.** IL13RA1-208HKCL    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	WB-validated IL13RA1 Knockdown HeLa Cell Lysate
<b>Species</b>	Human
<b>Source</b>	HeLa
<b>Description</b>	The protein encoded by this gene is a subunit of the interleukin 13 receptor. This subunit forms a receptor complex with IL4 receptor alpha, a subunit shared by IL13 and IL4 receptors. This subunit serves as a primary IL13-binding subunit of the IL13 receptor, and may also be a component of IL4 receptors. This protein has been shown to bind tyrosine kinase TYK2, and thus may mediate the signaling processes that lead to the activation of JAK1, STAT3 and STAT6 induced by IL13 and IL4.
<b>Form</b>	Cell-Tissue Lysis buffer
<b>Molecular Mass</b>	49 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 IL13RA1 KD HeLa cell lysate
<b>Protein Families</b>	Druggable Genome, Transmembrane
<b>Protein Pathways</b>	Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway
<b>Lysate QC</b>	RT-qPCR; Western Blotting (WB)

## GENE INFORMATION

<b>Gene Name</b>	IL13RA1 interleukin 13 receptor, alpha 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	IL13RA1
<b>Synonyms</b>	IL13RA1; interleukin 13 receptor, alpha 1; interleukin-13 receptor subunit alpha-1; CD213a1; CD213a1 antigen; IL 13Ra; IL13 receptor alpha 1 chain; NR4; CT19; IL-13RA1; IL-13R-alpha-1; IL-13R subunit alpha-1; cancer/testis antigen 19; IL13 receptor alpha-1 chain; IL-13 receptor subunit alpha-1; bB128O4.2.1 (interleukin 13 receptor, alpha 1); CD213A1; IL-13Ra;
<b>Gene ID</b>	3597
<b>mRNA Refseq</b>	NM_001560
<b>Protein Refseq</b>	NP_001551
<b>MIM</b>	300119
<b>UniProt ID</b>	P78552

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