

Human IL13RA1 Knockdown Cell Lysate

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

SPECIFICATION

Product Overview	WB-validated IL13RA1 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	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.
Form	Cell-Tissue Lysis buffer
Molecular Mass	49 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 for two years.
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 IL13RA1 KD HeLa cell lysate
Protein Families	Druggable Genome, Transmembrane
Protein Pathways	Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	IL13RA1 interleukin 13 receptor, alpha 1 [Homo sapiens (human)]
Official Symbol	IL13RA1
Synonyms	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;
Gene ID	3597
mRNA Refseq	NM_001560
Protein Refseq	NP_001551
MIM	300119
UniProt ID	P78552

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