

Human IRF6 Knockdown Cell Lysate

Cat. No. IRF6-212HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated IRF6 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a member of the interferon regulatory transcription factor (IRF) family. Family members share a highly-conserved N-terminal helix-turn-helix DNA-binding domain and a less conserved C-terminal protein-binding domain. The encoded protein may be a transcriptional activator. Mutations in this gene can cause van der Woude syndrome and popliteal pterygium syndrome. Mutations in this gene are also associated with non-syndromic orofacial cleft type 6. Alternate splicing results in multiple transcript variants.
Form	Cell-Tissue Lysis buffer
Molecular Mass	53 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.

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Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg IRF6 KD HeLa cell lysate
Protein Families	ES Cell Differentiation/IPS, Transcription Factors
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	IRF6 interferon regulatory factor 6 [Homo sapiens (human)]
Official Symbol	IRF6
Synonyms	IRF6; interferon regulatory factor 6; LPS, Van der Woude syndrome, VWS; OFC6; VWS1; LPS; PIT; PPS; VWS;
Gene ID	3664
mRNA Refseq	NM_001206696
Protein Refseq	NP_001193625
MIM	607199
UniProt ID	O14896

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