

Human TFDP1 Knockdown Cell Lysate

Cat. No. TFDP1-443HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated TFDP1 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a member of a family of transcription factors that heterodimerize with E2F proteins to enhance their DNA-binding activity and promote transcription from E2F target genes. The encoded protein functions as part of this complex to control the transcriptional activity of numerous genes involved in cell cycle progression from G1 to S phase. Alternative splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 1, 15, and X.
Form	Cell-Tissue Lysis buffer
Molecular Mass	45 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

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Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg TFDP1 KD HeLa cell lysate
Protein Families	Druggable Genome, Transcription Factors
Protein Pathways	Cell cycle, TGF-beta signaling pathway
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	TFDP1 transcription factor Dp-1 [Homo sapiens (human)]
Official Symbol	TFDP1
Synonyms	TFDP1; transcription factor Dp-1; Dp 1; DP1; DRTF1; DRTF1-polypeptide 1; E2F dimerization partner 1; E2F-related transcription factor; Dp-1;
Gene ID	7027
mRNA Refseq	NM_007111
Protein Refseq	NP_009042
MIM	189902
UniProt ID	Q14186

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