

Human TP73 Knockdown Cell Lysate

Cat. No. TP73-452HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated TP73 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a member of the p53 family of transcription factors involved in cellular responses to stress and development. It maps to a region on chromosome 1p36 that is frequently deleted in neuroblastoma and other tumors, and thought to contain multiple tumor suppressor genes. The demonstration that this gene is monoallelically expressed (likely from the maternal allele), supports the notion that it is a candidate gene for neuroblastoma. Many transcript variants resulting from alternative splicing and/or use of alternate promoters have been found for this gene, but the biological validity and the full-length nature of some variants have not been determined.
Form	Cell-Tissue Lysis buffer
Molecular Mass	70 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.

 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

Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg TP73 KD HeLa cell lysate
Protein Families	Druggable Genome, Transcription Factors
Protein Pathways	Neurotrophin signaling pathway, p53 signaling pathway
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	TP73 tumor protein p73 [Homo sapiens (human)]
Official Symbol	TP73
Synonyms	TP73; tumor protein p73; P73; p53-related protein; p53-like transcription factor;
Gene ID	7161
mRNA Refseq	NM_001126240
Protein Refseq	NP_001119712
MIM	601990
UniProt ID	O15350

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