

# Human GTF2I Knockdown Cell Lysate

Cat. No. GTF2I-192HKCL Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	WB-validated GTF2I Knockdown HeLa Cell Lysate
<b>Species</b>	Human
<b>Source</b>	HeLa
<b>Description</b>	<p>This gene encodes a phosphoprotein containing six characteristic repeat motifs. The encoded protein binds to the initiator element (Inr) and E-box element in promoters and functions as a regulator of transcription. This locus, along with several other neighboring genes, is deleted in Williams-Beuren syndrome. There are many closely related genes and pseudogenes for this gene on chromosome 7. This gene also has pseudogenes on chromosomes 9, 13, and 21. Alternatively spliced transcript variants encoding multiple isoforms have been observed.</p>
<b>Form</b>	Cell-Tissue Lysis buffer
<b>Molecular Mass</b>	113 kDa
<b>Notes</b>	<p>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.</p>
<b>Storage</b>	Store at -20 centigrade for two years.

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<b>Concentration</b>	Lot-specific
<b>Shipping</b>	Blue Ice
<b>Components</b>	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg GTF2I KD HeLa cell lysate
<b>Protein Families</b>	Transcription Factors
<b>Protein Pathways</b>	Basal transcription factors
<b>Lysate QC</b>	RT-qPCR; Western Blotting (WB)

## GENE INFORMATION

<b>Gene Name</b>	GTF2I general transcription factor Iii [ Homo sapiens (human) ]
<b>Official Symbol</b>	GTF2I
<b>Synonyms</b>	GTF2I; general transcription factor Iii; general transcription factor II, i, WBSCR6; general transcription factor II-I; BAP 135; BTKAP1; DIWS; IB291; SPIN; TFII I; BTK-associated protein 135; BTK-associated protein, 135kD; SRF-Phox1-interacting protein; Williams-Beuren syndrome chromosome region 6; Bruton tyrosine kinase-associated protein 135; williams-Beuren syndrome chromosomal region 6 protein; WBS; BAP135; TFII-I; WBSCR6; GTFII-I; FLJ38776; FLJ56355;
<b>Gene ID</b>	2969
<b>mRNA Refseq</b>	NM_001163636
<b>Protein Refseq</b>	NP_001157108

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**UniProt ID** P78347

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