

Human GTF2I Knockdown Cell Lysate

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

SPECIFICATION

Product Overview	WB-validated GTF2I Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	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.
Form	Cell-Tissue Lysis buffer
Molecular Mass	113 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.

 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

Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg GTF2I KD HeLa cell lysate
Protein Families	Transcription Factors
Protein Pathways	Basal transcription factors
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	GTF2I general transcription factor Ili [Homo sapiens (human)]
Official Symbol	GTF2I
Synonyms	GTF2I; general transcription factor Ili; 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;
Gene ID	2969
mRNA Refseq	NM_001163636
Protein Refseq	NP_001157108

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MIM	601679
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UniProt ID	P78347
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