Recombinant Human GTF2I, GST-tagged

Cat. No. GTF2I-13601H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GTF2I protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-274
Description	This gene encodes a multifunctional phosphoprotein with roles in transcription and signal transduction. It is deleted in Williams-Beuren syndrome, a multisystem developmental disorder caused by the deletion of contiguous genes at chromosome 7q11.23. Alternative splicing results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 7, 13 and 21.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	GTF2I general transcription factor IIi [Homo sapiens]

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Official Symbol	GTF2I
Synonyms	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;
Gene ID	2969
mRNA Refseq	NM_001163636
Protein Refseq	NP_001157108
MIM	601679
UniProt ID	P78347
Chromosome Location	7q11.23
Pathway	B Cell Receptor Signaling Pathway, organism-specific biosystem; Basal transcription factors, organism-specific biosystem; Basal transcription factors, conserved biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem; TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem;
Function	DNA binding; mitogen-activated protein kinase binding; protein binding; sequence-specific DNA binding transcription factor activity;

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