

## Recombinant Human GTF2A1, GST-tagged

**Cat. No.** GTF2A1-13587H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GTF2A1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-330a.a.
<b>Description</b>	This gene encodes an enzyme with hydroxypyruvate reductase, glyoxylate reductase, and D-glycerate dehydrogenase enzymatic activities. The enzyme has widespread tissue expression and has a role in metabolism. Type II hyperoxaluria is caused by mutations in this gene.
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	GTF2A1 general transcription factor IIA, 1, 19/37kDa [ Homo sapiens ]
<b>Official Symbol</b>	GTF2A1

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<b>Synonyms</b>	GTF2A1; general transcription factor IIA, 1, 19/37kDa; glucose regulated protein, 58kD pseudogene; transcription initiation factor IIA subunit 1; TFIIA; TFIIAL; TFIIA-42; TFIIA alpha, p55, isoform 1; general transcription factor IIA subunit 1; transcription initiation factor TFIIA 42 kDa subunit; TF2A1; MGC129969; MGC129970;
<b>Gene ID</b>	<a href="#">2957</a>
<b>mRNA Refseq</b>	<a href="#">NM_015859</a>
<b>Protein Refseq</b>	<a href="#">NP_056943</a>
<b>MIM</b>	<a href="#">600520</a>
<b>UniProt ID</b>	<a href="#">P52655</a>
<b>Chromosome Location</b>	14q31
<b>Pathway</b>	Basal transcription factors, organism-specific biosystem; Basal transcription factors, conserved biosystem; Disease, organism-specific biosystem; Gene Expression, organism-specific biosystem; HIV Infection, organism-specific biosystem; HIV Life Cycle, organism-specific biosystem; HIV-1 Transcription Initiation, organism-specific biosystem;
<b>Function</b>	DNA binding; TBP-class protein binding; protein binding; protein heterodimerization activity; transcription coactivator activity; transcription factor binding;

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