

# Recombinant Human GTF2A1

**Cat. No.** GTF2A1-27774TH    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length human GTF2A1 with proprietary tag, Predicted MW 41 kDa,.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	Accurate transcription initiation on TATA-containing class II genes involves the ordered assembly of RNA polymerase II (POLR2A; MIM 180660) and several general initiation factors (summarized by DeJong and Roeder, 1993)
<b>Form</b>	Liquid
<b>Purity</b>	>95% by SDS-PAGE
<b>Storage buffer</b>	Preservative: None Constituents: 20% Glycerol, 20mM Tris HCl, 100mM Potassium chloride, 1mM DTT, 0.2mM EDTA, pH 8.0
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
<b>Full Length</b>	Full L.

## GENE INFORMATION

**Gene Name**                    **GTF2A1 general transcription factor IIA, 1, 19/37kDa [ Homo sapiens ]**

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<b>Official Symbol</b>	<a href="#">GTF2A1</a>
<b>Synonyms</b>	GTF2A1; general transcription factor IIA, 1, 19/37kDa; glucose regulated protein, 58kD pseudogene; transcription initiation factor IIA subunit 1; TFIIA;
<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; Formation and Maturation of mRNA Transcript, organism-specific biosystem; Gene Expression, organism-specific biosystem; HIV Infection, organism-specific biosystem;
<b>Function</b>	DNA binding; TBP-class protein binding; protein binding; protein heterodimerization activity; transcription coactivator activity;

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