

## Recombinant Human GTF2A1, His-tagged

Cat. No. GTF2A1-27776TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length protein GTF2A1 with His tag, amino acids 1-376, predicted MW 41 kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-376 a.a.
<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>Conjugation</b>	HIS
<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 7.9
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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**Full Length**

Full L.

## GENE INFORMATION

**Gene Name**

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

**Official Symbol**

GTF2A1

**Synonyms**

GTF2A1; general transcription factor IIA, 1, 19/37kDa; glucose regulated protein, 58kD pseudogene; transcription initiation factor IIA subunit 1; TFIIA;

**Gene ID**

2957

**mRNA Refseq**

NM\_015859

**Protein Refseq**

NP\_056943

**MIM**

600520

**Uniprot ID**

P52655

**Chromosome Location**

14q31

**Pathway**

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;

**Function**

DNA binding; TBP-class protein binding; protein binding; protein heterodimerization activity; transcription coactivator activity;

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