

Recombinant Human GTF2A1, His-tagged

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

SPECIFICATION

Product Overview	Recombinant full length protein GTF2A1 with His tag, amino acids 1-376, predicted MW 41 kDa.
Species	Human
Source	E.coli
ProteinLength	1-376 a.a.
Description	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)
Conjugation	HIS
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 20mM Tris HCl, 100mM Potassium chloride, 1mM DTT, 0.2mM EDTA, pH 7.9
Storage	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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