

## Recombinant Human GTF2A1L Protein, His-tagged

Cat. No. GTF2A1L-418H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GTF2A1L, transcript variant 1, fused with His tag at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	<p>The assembly and stability of the RNA polymerase II transcription pre-initiation complex on a eukaryotic core promoter involve the effects of transcription factor IIA (TFIIA) on the interaction between TATA-binding protein (TBP) and DNA. This gene encodes a germ cell-specific counterpart of the large (alpha/beta) subunit of general transcription factor TFIIA that is able to stabilize the binding of TBP to DNA and may be uniquely important to testis biology. Alternative splicing for this locus has been observed and two variants, encoding distinct isoforms, have been identified. Co-transcription of this gene and the neighboring upstream gene generates a rare transcript (SALF), which encodes a fusion protein comprised of sequence sharing identity with each individual gene product.</p>
<b>Form</b>	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1% Sarkosyl.
<b>Molecular Mass</b>	52.3 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

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## GENE INFORMATION

**Gene Name** GTF2A1L general transcription factor IIA, 1-like [ Homo sapiens ]

**Official Symbol** GTF2A1L

**Synonyms** GTF2A1L; general transcription factor IIA, 1-like; TFIIA-alpha and beta-like factor; GTF2A1-like factor; TFIIA-alpha/beta-like factor; TFIIA large subunit isoform ALF; general transcription factor II A, 1-like factor; ALF; MGC26254;

**Gene ID** 11036

**mRNA Refseq** NM\_006872

**Protein Refseq** NP\_006863

**UniProt ID** Q9UNN4

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