

## Active Recombinant Human GTF2A1, P12, GST-tagged

Cat. No. GTF2A1-1171H Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	P12 is a small subunit of the Transcription Factor IIA and has been shown to be required for both basal and activated transcription. Liquid. Recombinant p12, along with two other subunits can potentiate transcriptional activation, whereas p12 along with $\beta$ -subunit is able to function in an antirepression. GST-p12 is isolated from a strain of <i>E. coli</i> that contains the coding sequence for human TFIIA -subunit under the control of a T7 promoter.
<b>Usage</b>	For in vitro use only.
<b>Form</b>	Liquid. Supplied in 20 mM Tris-HCl pH 8.0, 100 mM KCl, 0.2 mM EDTA, 1 mM DTT and 20% glycerol.
<b>Activity</b>	100 ng are sufficient for a protein-protein interaction assay.
<b>Purity</b>	> 95% by SDS-PAGE.
<b>Storage</b>	Quality guaranteed for 12 months, store at -80°C. Avoid freeze / thaw cycles.

### GENE INFORMATION

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

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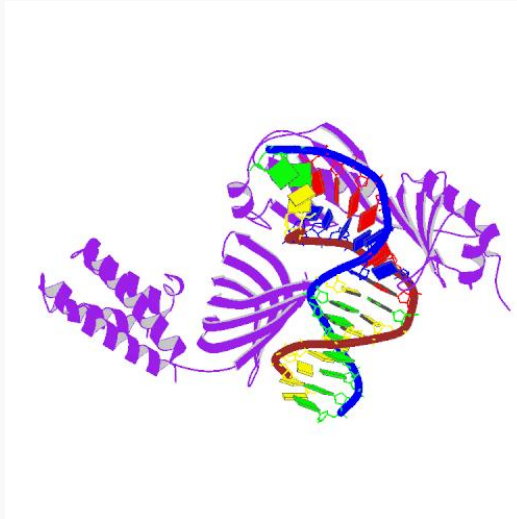
<b>Synonyms</b>	GTF2A1; general transcription factor IIA, 1, 19/37kDa; TF2A1; TFIIA; MGC129969; MGC129970; TFIIA alpha, p55, isoform 1; glucose regulated protein, 58kD pseudogene; TFIIA-42; Transcription initiation factor IIA subunit 1; Transcription initiation factor IIA alpha chain; TFIIA p35 subunit; TFIIA p19 subunit
<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; Gene Expression; HIV Infection; Transcription
<b>Function</b>	DNA binding; TATA-binding protein binding; general RNA polymerase II transcription factor activity; protein heterodimerization activity; transcription coactivator activity; transcription factor binding

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PDB rendering based  
on 1nvp.



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