Active Recombinant Human GTF2A1, P12, GST-tagged

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

SPECIFICATION

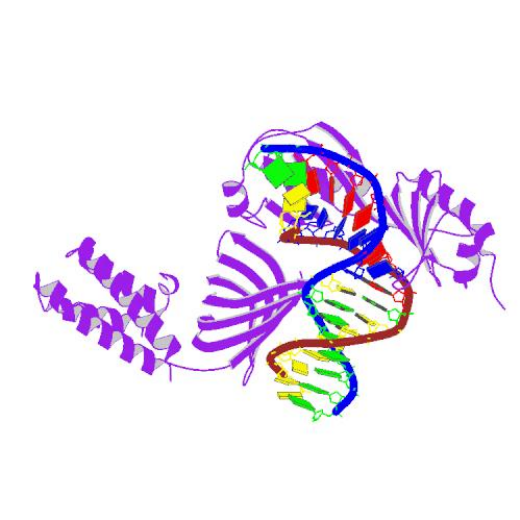
Product Overview	
Species	Human
Source	E.coli
Description	P12 is a small subunit of the Transcription Factor IIA and has been shown to be required for both basal and activated transcription. Liquid. Recombinant p12, along with two other subunits can potentiate transcriptional activation, whereas p12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

GENE INFORMATION

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Gene Name	GTF2A1 general transcription factor IIA, 1, 19/37kDa [Homo sapiens]
Synonyms	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
Gene ID	2957
mRNA Refseq	NM_015859
Protein Refseq	NP_056943
MIM	600520
UniProt ID	P52655
Chromosome Location	14q31
Pathway	Basal transcription factors; Gene Expression; HIV Infection; Transcription
Function	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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