

## GTF2A2 抗原（重组蛋白）

中文名称：GTF2A2 抗原（重组蛋白）

英文名称：GTF2A2 Antigen (Recombinant Protein)

别名：TF2A2; TFIIA; T18745; TFIAS; HsT18745; TFIIA-12; TFIIA-gamma

储存：冷冻（-20℃）

相关类别 抗原

概述：

Fusion protein corresponding to a region derived from 1-109 amino acids of human GTF2A2

技术规格：

<b>Full name:</b>	general transcription factor IIA subunit 2
<b>Synonyms:</b>	TF2A2; TFIIA; T18745; TFIAS; HsT18745; TFIIA-12; TFIIA-gamma
<b>Swissprot:</b>	P52657
<b>Gene Accession:</b>	BC000287
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	Accurate transcription initiation on TATA-containing class II genes involves the ordered assembly of RNA polymerase II (POLR2A; MIM 180660) and the general initiation factors TFIIA, TFIIB (MIM 189963), TFIID (MIM 313650), TFIIE (MIM 189962), TFIIF (MIM 189968), TFIIG/TFIIJ, and TFIIH (MIM 189972). The first step involves recognition of the TATA element by the TATA-binding subunit (TBP; MIM 600075) and may be regulated by TFIIA, a factor that interacts with both TBP and a TBP-associated factor (TAF; MIM 600475) in TFIID. TFIIA has 2 subunits (43 and 12 kD) in yeast and 3 subunits in higher eukaryotes. In HeLa extracts, it consists of a 35-kD alpha subunit and a 19-kD beta subunit en

coded by the N- and C-terminal regions of GTF2A1 (MIM 600520), respectively, and a 12-kD gamma subunit encoded by GTF2A2 (DeJong et al., 1995 [PubMed 7724559]).