

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; TFIIAS; 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：

Full name:	general transcription factor IIA subunit 2
Synonyms:	TF2A2; TFIIA; T18745; TFIIAS; HsT18745; TFIIA-12; TFIIA-gamma
Swissprot:	P52657
Gene Accession:	BC000287
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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 encoded by the N- and C-terminal regions of GTF2A1 (MIM 600520), re

spectively, and a 12-kD gamma subunit encoded by GTF2A2 (DeJong et al., 1995 [PubMed 7724559]).