

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：

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|---------------------------|--|
| 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-as |

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