

Recombinant Full Length Human GTF2A1 Protein, GST-tagged

Cat. No. GTF2A1-3373HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GTF2A1 full-length ORF (NP_056943.1, 1 a.a. - 376 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	376 amino acids
Description	Accurate transcription initiation on TATA-containing class II genes involves the ordered assembly of RNA polymerase II (POLR2A; MIM 180660) and several general initiation factors (summarized by DeJong and Roeder, 1993 [PubMed 8224848]). One of these factors is TFIIA, which when purified from HeLa extracts consists of 35-, 19-, and 12-kD subunits.[supplied by OMIM, Jul 2010]
Molecular Mass	67.9 kDa
AA Sequence	MANSANTNTVPKLYRSVIEDVINDVRDIFLDDGVDEQVLMELKTLWENKLMQSRVD GFHSEEQQLLLQVQQQHQPQQQQHHHHHHHQQAQPPQQTVPQQAQTQQVLIPAS QQATAPQVIVPDSKLIQHNMNASNMSAAATAATLALPAGVTPVQQILTNSGQLLQVVR AANGAQYIFQPQQSVVLQQQVIPQMMPGGVQAPVIQQVLAPLPGGISPQTGVIIQPQ QILFTGNKTQVIPTTVAAPTPAQQAQITATGQQQPQAQPAQTQAPLVLQVDGTGDTSS EEDEDEEEDYDDDEEEDKEKDGAEDGQVEEPLNSEDDVSDEEGQELFDTENVVV CQYDKIHRSKNKWKFHLKDGIMNLNGRDYIFSKAIGDAEW

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	GTF2A1 general transcription factor IIA, 1, 19/37kDa [Homo sapiens]
Official Symbol	GTF2A1
Synonyms	GTF2A1; general transcription factor IIA, 1, 19/37kDa; glucose regulated protein, 58kD pseudogene; transcription initiation factor IIA subunit 1; TFIIA; TFIIAL; TFIIA-42; TFIIA alpha, p55, isoform 1; general transcription factor IIA subunit 1; transcription initiation factor TFIIA 42 kDa subunit; TF2A1; MGC129969; MGC129970;
Gene ID	2957
mRNA Refseq	NM_015859
Protein Refseq	NP_056943
MIM	600520
UniProt ID	P52655

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