

Recombinant Human GTF3C2 293 Cell Lysate

Cat. No. GTF3C2-5690HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for general transcription factor IIIC, polypeptide 2, beta 110kDa (GTF3C2), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

GTF3C2 general transcription factor IIIC, polypeptide 2, beta 110kDa [Homo sapiens]

Official Symbol

GTF3C2

Synonyms

GTF3C2; general transcription factor IIIC, polypeptide 2, beta 110kDa; general transcription factor IIIC, polypeptide 2 (beta subunit, 110kD); general transcription factor 3C polypeptide 2; KIAA0011; TFIIC110; TF3C-beta; TFIIC 110 kDa subunit; transcription factor IIIC subunit beta; transcription factor IIIC 110 kDa subunit; TFIIC-BETA;

Gene ID

2976

mRNA Refseq

NM_001035521

Protein Refseq

NP_001030598

MIM

604883

UniProt ID

Q8WUA4

Chromosome Location

2p23.3

Pathway

Gene Expression, organism-specific biosystem; RNA Polymerase I, RNA Polymerase

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III, and Mitochondrial Transcription, organism-specific biosystem; RNA Polymerase III Abortive And Retractive Initiation, organism-specific biosystem; RNA Polymerase III Transcription, organism-specific biosystem; RNA Polymerase III Transcription Initiation, organism-specific biosystem; RNA Polymerase III Transcription Initiation From Type 1 Promoter, organism-specific biosystem; RNA Polymerase III Transcription Initiation From Type 2 Promoter, organism-specific biosystem;

Function	contributes_to DNA binding;
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