

Recombinant Human GTF3C2 293 Cell Lysate

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

SPECIFICATION

| | |
|----------------------------|---|
| 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. |
| 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 |

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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 III, and Mitochondrial Transcription, organism-specific biosystem](#); [RNA Polymerase III Abortive And Retractive Initiation, organism-specific biosystem](#); [RNA Polymerase III](#)

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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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