

Recombinant Human GTF3C5 293 Cell Lysate

Cat. No. GTF3C5-5689HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for general transcription factor IIIC, polypeptide 5, 63kDa (GTF3C5), transcript variant 2 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

GTF3C5 general transcription factor IIIC, polypeptide 5, 63kDa [Homo sapiens]

Official Symbol

GTF3C5

Synonyms

GTF3C5; general transcription factor IIIC, polypeptide 5, 63kDa; general transcription factor IIIC, polypeptide 5 (63kD); general transcription factor 3C polypeptide 5; TFIIIC2 63; TFIIIC63; TFIIICepsilon; transcription factor IIIC; 63 kD; TF3C-epsilon; TFIIIC 63 kDa subunit; transcription factor IIIC, 63 kD; transcription factor IIIC 63 kDa subunit; transcription factor IIIC subunit epsilon; TFIIIC2-63; FLJ20857;

Gene ID

9328

mRNA Refseq

NM_001122823

Protein Refseq

NP_001116295

MIM

604890

UniProt ID

Q9Y5Q8

Chromosome Location

9q34.13

Pathway

Gene Expression, organism-specific biosystem; RNA Polymerase I, RNA Polymerase III, and Mitochondrial Transcription, organism-specific biosystem; RNA Polymerase III

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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; protein binding;

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