

Recombinant Human C2orf3 293 Cell Lysate

Cat. No. GCFC2-8082HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for chromosome 2 open reading frame 3 (C2orf3) 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

GCFC2 GC-rich sequence DNA-binding factor 2 [Homo sapiens]

Official Symbol

GCFC2

Synonyms

GCF; TCF9; DNABF; C2orf3; GC-rich sequence DNA-binding factor 2; TCF-9; GC binding factor; GC binding factor; transcription factor 9 (binds GC-rich sequences)

Gene ID

6936

mRNA Refseq

NM_001201334

Protein Refseq

NP_001188263

MIM

189901

UniProt ID

P16383

Chromosome Location

2p12

Function

RNA polymerase II core promoter proximal region sequence-specific DNA binding;
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transcription factor activity involved in negative regulation of transcription

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