

Recombinant Human GLI3 293 Cell Lysate

Cat. No. GLI3-5904HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for GLI family zinc finger 3 (GLI3) 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

GLI3 GLI family zinc finger 3 [Homo sapiens]

Official Symbol

GLI3

Synonyms

GLI3; GLI family zinc finger 3; GCPS, GLI Kruppel family member GLI3 , glioma associated oncogene family zinc finger 3 , Greig cephalopolysyndactyly syndrome , PHS; transcriptional activator GLI3; ACLS; DNA binding protein; oncogene GLI3; PAP A; PAPA; PAPA1; PAPB; PPDIV; zinc finger protein GLI3; GLI-Kruppel family member GLI3; glioma-associated oncogene family zinc finger 3; PHS; GCPS; PAP-A; GLI3FL; GLI3-190;

Gene ID

2737

mRNA Refseq

NM_000168

Protein Refseq

NP_000159

MIM

165240

UniProt ID

P10071

Chromosome Location

7p13

Pathway

Basal cell carcinoma, organism-specific biosystem; Basal cell carcinoma, conserved

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biosystem; Endochondral Ossification, organism-specific biosystem; Hedgehog Signaling Pathway, organism-specific biosystem; Hedgehog signaling events mediated by Gli proteins, organism-specific biosystem; Hedgehog signaling pathway, organism-specific biosystem; Hedgehog signaling pathway, conserved biosystem;

Function

beta-catenin binding; chromatin binding; histone acetyltransferase binding; histone deacetylase binding; metal ion binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; zinc ion binding;

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