

## Recombinant Human GLI3 293 Cell Lysate

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

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Components</b>	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).
<b>Size</b>	0.1 mg
<b>Storage Instruction</b>	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.
<b>Applications</b>	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

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 biosystem](#); [Endochondral Ossification, organism-specific biosystem](#); [Hedgehog Signaling Pathway, organism-specific biosystem](#); [Hedgehog signaling events](#)

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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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