Recombinant Human GLI1 protein, MYC/DDK-tagged

Cat. No. GLI1-312H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GLI1 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member of the Kruppel family of zinc finger proteins. The encoded transcription factor is activated by the sonic hedgehog signal transduction cascade and regulates stem cell proliferation. The activity and nuclear localization of this protein is negatively regulated by p53 in an inhibitory loop. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	117.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	GLI1 GLI family zinc finger 1 [Homo sapiens]

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Official Symbol	GLI1
Synonyms	GLI1; GLI family zinc finger 1; GLI, glioma associated oncogene family zinc finger 1 , glioma associated oncogene homolog 1 (zinc finger protein); zinc finger protein GLI1; oncogene GLI; glioma-associated oncogene 1; glioma-associated oncogene homolog 1 (zinc finger protein); GLI;
Gene ID	2735
mRNA Refseq	NM_001160045
Protein Refseq	NP_001153517
MIM	165220
UniProt ID	P08151
Chromosome Location	12q13.2-q13.3
Pathway	Basal cell carcinoma, organism-specific biosystem; Basal cell carcinoma, conserved 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; Pathways in cancer, organism-specific biosystem;
Function	DNA binding; metal ion binding; protein binding; transcription regulatory region DNA binding; zinc ion binding;

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