

Recombinant Mouse Gli1 Protein, Myc/DDK-tagged

Cat. No. Gli1-3224M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length GLI-Kruppel family member GLI1 (Gli1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Acts as a transcriptional activator. Binds to the DNA consensus sequence 5'-GACCACCCA-3'. Regulates the transcription of specific genes during normal development. Plays a role in craniofacial development and digital development, as well as development of the central nervous system and gastrointestinal tract. Mediates SHH signaling. Plays a role in cell proliferation and differentiation via its role in SHH signaling.
Molecular Mass	119 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Gli1 GLI-Kruppel family member GLI1 [*Mus musculus* (house mouse)]

Official Symbol Gli1

Synonyms GLI1; GLI-Kruppel family member GLI1; zinc finger protein GLI1; zinc finger protein 5; glioma-associated oncogene homolog; Zfp5; Zfp-5; AV235269

Gene ID 14632

mRNA Refseq NM_010296

Protein Refseq NP_034426

UniProt ID P47806

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