

Recombinant Rat Gli1 protein, His-tagged

Cat. No. Gli1-139R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gli1(Val810~Ala1109) fused with His/T7 tag at N-terminal was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	810-1109 a.a.
Description	GLI family zinc finger 1 played an important role in many functions.
Form	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Molecular Mass	35.0kDa
AA Sequence	V QVKPEQGCPV GSDSTGLAPC LNAHPSEGSP DPQPLFSHHS QLPPPQYLQS GPYPQPPHDC LSLESRPGLN FNPSSHSTGQ LKAQLLCNYV QSQQELLWEG RSRGGIPNQE LPYQSPKFLG GSQVSQSPTK VPAAAAAATF GSGFASPALA NHKSVSYPAP SPCHETFTMG VNRPPHRPAA PPRLLPPLPP CYGPLKVGDA NPSCGHPEVG RLGAGPALYP PPEGQVCNPL DSLDLNTQL DFVAILDEAQ GLSPPPSHEQ GDSSKNTPPP SGPPNMAVGN MSVLLGSLPG ETQFLNSSA
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%

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Applications	SDS-PAGE; WB; ELISA; IP.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Gli1 GLI family zinc finger 1 [Rattus norvegicus]
Official Symbol	Gli1
Synonyms	GLI1; GLI family zinc finger 1; zinc finger protein GLI1; GLI-Kruppel family member GLI1; Gli;
Gene ID	140589
mRNA Refseq	NM_001191910
Protein Refseq	NP_001178839
MIM	
UniProt ID	
Chromosome Location	7q22
Pathway	Basal cell carcinoma, organism-specific biosystem; Basal cell carcinoma, conserved biosystem; Hedgehog Signaling Pathway, organism-specific biosystem; Hedgehog signaling pathway, organism-specific biosystem; Hedgehog signaling pathway,

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conserved biosystem; Pathways in cancer, organism-specific biosystem;

Function

DNA binding; chromatin binding; microtubule binding; molecular_function; sequence-specific distal enhancer binding RNA polymerase II transcription factor activity; transcription regulatory region DNA binding;

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