

# Recombinant Human GLI1 Protein (921-1106 aa), His-tagged

Cat. No. GLI1-1254H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human GLI1 Protein (921-1106 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Developmental Biology. Protein Description: Partial.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	921-1106 aa
<b>Description</b>	Acts as a transcriptional activator. May regulate the transcription of specific genes during normal development. May play a role in craniofacial development and digital development, as well as development of the central nervous syst and gastrointestinal tract. Mediates SHH signaling and thus cell proliferation and differentiation.
<b>Form</b>	Tris-based buffer,50% glycerol
<b>Molecular Mass</b>	23.3 kDa
<b>AA Sequence</b>	QEPSYQSPKFLGGSQVSPSRAKAPVNTYGPFGPNLPNHKSGSYPTPSPCHENFV VGANRASHRAAAPRLLPPLPTCYGPLKVGGTNPSCGHPEVGRLLGGGPALYPPE GQVCNPLDSLDDNTQLDFVAILDEPQGLSPPPSHDQRGSSGHTPPPSGPPNMAV GNMSVLLRSLPGETEFLNSSA
<b>Purity</b>	> 90% as determined by SDS-PAGE.

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<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
<b>Concentration</b>	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

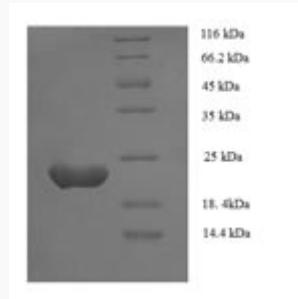
## GENE INFORMATION

<b>Gene Name</b>	GLI1 GLI family zinc finger 1 [ Homo sapiens ]
<b>Official Symbol</b>	GLI1
<b>Synonyms</b>	GLI1; oncogene GLI; GLI;
<b>Gene ID</b>	2735
<b>mRNA Refseq</b>	NM_001160045
<b>Protein Refseq</b>	NP_001153517
<b>MIM</b>	165220
<b>UniProt ID</b>	P08151

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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