

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

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	E.coli
ProteinLength	921-1106 aa
Description	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.
Form	Tris-based buffer,50% glycerol
Molecular Mass	23.3 kDa
AA Sequence	QEPSYQSPKFLGGSQVSPSRAKAPVNTYGPFGPNLPNHKSGSYPTPSPCHENFV VGANRASHRAAAPRLLPPLPTCYGPLKVGGTNPSCGHPEVGRLGGGPALYPPE GQVCNPLDSLDDNTQLDFVAILDEPQGLSPPPSHDQRGSSGHTPPPSGPPNMAV GNMSVLLRSLPGETEFNLSSA
Purity	> 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	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.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

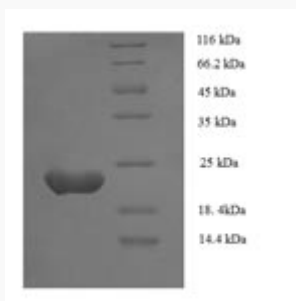
GENE INFORMATION

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

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

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