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

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

## SPECIFICATION

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|---|---|
| **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** | QEPSYQSPKFLGGSQVSPSRAKAPVNTYGPGFGPNLPNHKSGSYPTPSPCHENFV VGANRASHRAAAPPRLLPPLPTCYGPLKVGGTNPSCGHPEVGRLGGGPALYPPPE GQVCNPLDSLDLDNTQLDFVAILDEPQGLSPPPSHDQRGSSGHTPPPSGPPNMAV GNMSVLLRSLPGETEFLNSSA |
| **Purity** | > 90% as determined by SDS-PAGE. |

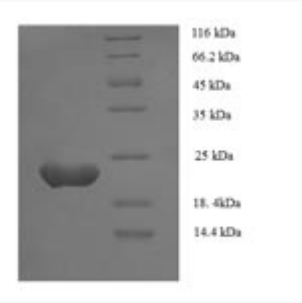
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| **Notes** | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week. |
| **Storage** | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability 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

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| **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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