

Recombinant Human GLI3 Protein, GST-tagged

Cat. No. GLI3-4956H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GLI3 partial ORF (NP_000159, 1 a.a. - 110 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a protein which belongs to the C2H2-type zinc finger proteins subclass of the Gli family. They are characterized as DNA-binding transcription factors and are mediators of Sonic hedgehog (Shh) signaling. The protein encoded by this gene localizes in the cytoplasm and activates patched Drosophila homolog (PTCH) gene expression. It is also thought to play a role during embryogenesis. Mutations in this gene have been associated with several diseases, including Greig cephalopolysyndactyly syndrome, Pallister-Hall syndrome, preaxial polydactyly type IV, and postaxial polydactyly types A1 and B. [provided by RefSeq
Molecular Mass	37.84 kDa
AA Sequence	MEAQSHSSTTTEKKKVENSIVKCSTRTDVSEKAVASSTTSNEDESPGQTYHRERRN AITMQPQNVQGLSKVSEEPSTSSDERASLIKKEIHGSLPHVAEPSVPYRGTVFA
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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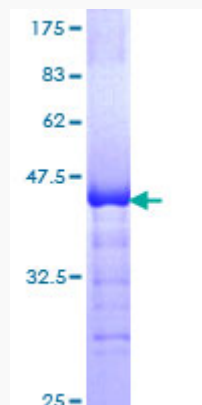
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	GLI3 GLI family zinc finger 3 [Homo sapiens]
Official Symbol	GLI3
Synonyms	GLI3; GLI family zinc finger 3; GCPS, GLI Kruppel family member GLI3, glioma associated oncogene family zinc finger 3, Greig cephalopolysyndactyly syndrome, PHS; transcriptional activator GLI3; ACLS; DNA binding protein; oncogene GLI3; PAP A; PAPA; PAPA1; PAPB; PPDIV; zinc finger protein GLI3; GLI-Kruppel family member GLI3; glioma-associated oncogene family zinc finger 3; PHS; GCPS; PAP-A; GLI3FL; GLI3-190;
Gene ID	2737
mRNA Refseq	NM_000168
Protein Refseq	NP_000159
MIM	165240
UniProt ID	P10071

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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