

Recombinant Human GLI3 protein, His & T7-tagged

Cat. No. GLI3-1707H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GLI3 aa. (Met111~Ser343 (Accession # P10071)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met111~Ser343
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.3kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.
Isoelectric Point	8.9
GENE INFORMATION	
Gene Name	GLI3 GLI family zinc finger 3 [Homo sapiens (human)]
Official Symbol	GLI3
Synonyms	GLI3; GLI family zinc finger 3; PHS; ACLS; GCPS; PAPA; PAPB; PAP-A; PAPA1; PPDIV; GLI3FL; GLI3-190; transcriptional activator GLI3; GLI-Kruppel family member GLI3; glioma-associated oncogene family zinc finger 3; oncogene GLI3; zinc finger protein GLI3
Gene ID	2737
mRNA Refseq	NM_000168.5

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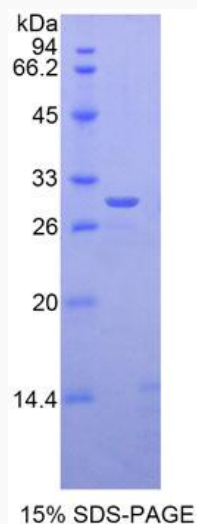
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Protein Refseq NP_000159.3

UniProt ID P10071

SDS-PAGE



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