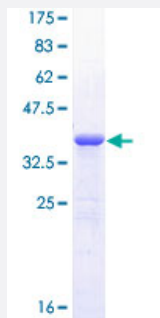


GLI1 (Human) Recombinant Protein (Q01)

Catalog # H00002735-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GLI1 partial ORF (AAH13000, 401 a.a. - 500 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	GPLPRAPSISTVEPKREREGGPIREESRLTVEGAMKPQPSPGAQSSCSDHSPAGSAANTDSG VEMTGNAGGSTEDLSSLDEGPCIAGTGLSTLRRLEN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (88); Rat (89)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GLI1

Entrez GeneID [2735](#)

GeneBank Accession# [BC013000](#)

Protein Accession# [AAH13000](#)

Gene Name GLI1

Gene Alias GLI

Gene Description glioma-associated oncogene homolog 1 (zinc finger protein)

Omim ID [165220](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the Kruppel family of zinc finger proteins. The encoded transcript ion factor is activated by the sonic hedgehog signal transduction cascade and regulates stem cell proliferation. The activity and nuclear localization of this protein is negatively regulated by p53 in a n inhibitory loop. Multiple transcript variants encoding different isoforms have been found for this g ene. [provided by RefSeq]

Other Designations glioma-associated oncogene homolog (zinc finger protein)|glioma-associated oncogene homolog 1

Pathway

- [Basal cell carcinoma](#)
- [Hedgehog signaling pathway](#)
- [Pathways in cancer](#)

Disease

- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Heart Septal Defects](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Kidney Failure](#)
- [Skin Neoplasms](#)