

Zinc finger protein GLI2 Recombinant Protein | GLI2 recombinant protein

Recombinant Human Zinc finger protein GLI2

CATALOG # AAA114000	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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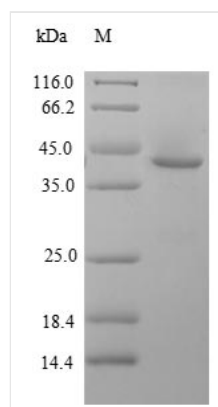
PRODUCT SYNONYMS

Zinc finger protein GLI2; Recombinant Human Zinc finger protein GLI2; GLI family zinc finger protein 2; Tax helper protein; GLI2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	412-641aa; Partial
Sequence	EQLADLKEDL DRDDCKQEAE VVIYETNCHW EDCTKEYDTQ EQLVHHINNE HIHGEKKEFV CRWQACTREQ KPFKAQYMLV VHMRRHTGEK PHKCTFEGCS KAYSRLLENK THLRSHTGEK PYVCEHEGCN KAFSNASDRA KHQNRTHSNE KPYICKIPGC TKRYTDPSSL RKHVKT VHGP DAHVTKKQRN DVHLRTPLLK ENGDSEAGTE PGGPESTEAS STSQAVEDCL
Sequence Length	641
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for GLI2 recombinant protein	Functions as transcription regulator in the hedgehog (Hh) pathway (PubMed:18455992). Functions as transcriptional activator (PubMed:9557682, PubMed:19878745, PubMed:24311597). May also function as transcriptional repressor (By similarity). Requires STK36 for full transcriptional activator activity. Required for normal embryonic development (PubMed:15994174, PubMed:20685856). By similarity1 Publication5 Publications Isoform 1, isoform 2, isoform 3 and isoform 4: Act as transcriptional activators in T-cell leukemia virus type 1 (HTLV-1)-infected cells in a Tax-dependent manner. Bind to the DNA sequence 5'-GAACCACCCA-3' which is part of the Tax-responsive element (TRE-2S) regulatory element that augments the Tax-dependent enhancer of HTLV-1 (PubMed:9557682). Are involved in the smoothened (SHH) signaling pathway (PubMed:18455992). 3 Publications Isoform 5: Acts as a transcriptional repressor.
Product Categories/Family for GLI2 recombinant protein	Epigenetics and Nuclear Signaling
References	"Cloning of novel isoforms of the human Gli2 oncogene and their activities to enhance tax-dependent transcription of the human T-cell leukemia virus type 1 genome." Tanimura A., Dan S., Yoshida M. J. Virol. 72:3958-3964(1998)

NCBI AND UNIPROT INFORMATION

NCBI GI #	86991432
NCBI GeneID	2736
NCBI Accession #	NP_005261.2
NCBI GenBank Nucleotide #	NM_005270.4
UniProt Accession #	P10070; O60252; O60253; O60254; O60255; Q15590; Q15591; Q4JHT4
Molecular Weight	28.5 kDa
NCBI Official Full Name	zinc finger protein GLI2
NCBI Official Synonym Full Names	GLI family zinc finger 2
NCBI Official Symbol	GLI2
NCBI Official Synonym Symbols	CJS; HPE9; PHS2; THP1; THP2
NCBI Protein Information	zinc finger protein GLI2
UniProt Protein Name	Zinc finger protein GLI2
UniProt Gene Name	GLI2
UniProt Entry Name	GLI2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.