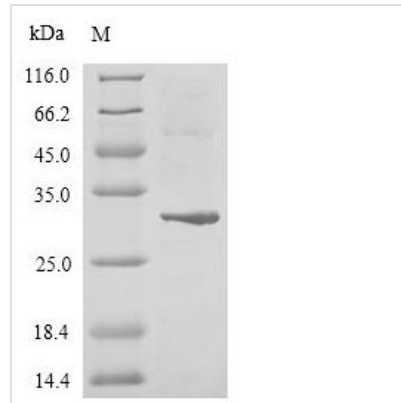




Recombinant Human Zinc finger protein GLI2 (GLI2), partial

Product Code	CSB-MP009500HU
Relevance	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.
Abbreviation	Recombinant Human GLI2 protein, partial
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P10070
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	EQLADLKEDLDRDDCKQEAENVVIYETNCHWEDCTKEYDTQEQLVHHINNEHIH GEKKEFVCRWQACTREQKPFKAQYMLVVHMRRHTGEKPHKCTFEGCSKAYS RLENLKTHLRSHTGEKPYVCEHEGCMKAFSNASDRAKHQNRTHSNEKPYICKI PGCTKRYTDPSSLRKHVKTVHGPDAAHVTKKQRNDVHLRTPLLKENGDSEAGT EPGGPESTEASSTSQAVEDCL
Research Area	Epigenetics and Nuclear Signaling
Source	Mammalian cell
Target Names	GLI2
Expression Region	412-641aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-Myc-tagged
Mol. Weight	30.5kDa

**Protein Length****Partial****Image**

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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