

Recombinant human Zinc finger protein GLI1

Catalog No: #AP72198



Package Size: #AP72198-1 20ug #AP72198-2 100ug #AP72198-3 1mg

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Description

Product Name	Recombinant human Zinc finger protein GLI1
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:921-1106aaSequence Info:Partial
Other Names	Glioma-associated oncogeneOncogene GLI
Accession No.	P08151
Uniprot	P08151
GeneID	2735;
Calculated MW	23.3 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	QEPSYQSPKFLGGSQVSPSRAPVNTYGPFGPNLPNHKSGSYTPSPCHENFVVGANRASHRAAAPRL LPPLPTCYGPLKVGGTNPSCGHPEVGRLLGGGALYPPPEGQVCNPLDSLDDNTQLDFVAILDEPQGLSPPP SHDQRGSSGHTPPPSGPPNMAVGNMSVLLRSLPGETEFLNSSA
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Acts as a transcriptional activator. May regulate the transcription of specific genes during normal development. May play a role in craniofacial development and digital development, as well as development of the central nervous syst and gastrointestinal tract. Mediates SHH signaling and thus cell proliferation and differentiation.

References

Polymorphic variants of the human oncogene GLI1 function similarly.Yoon J.W., Kent P., Clark A., Patterson J., Villavicencio E., Iannaccone P., Walterhouse D.A novel splice variant of GLI1 that promotes glioblastoma cell migration and invasion.Lo H.W., Zhu H., Cao X., Aldrich A., Ali-Osman F.Cancer Res. 69:6790-6798(2009)Research Topic:Developmental Biology

Note: This product is for in vitro research use only