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Product Information

MemDX™ Membrane Protein Human GLI2 (GLI family zinc finger 2) for Antibody Discovery

Cat. No.: **MP1413J**
This product is for research use only and is not intended for diagnostic use.

This product is a 30.5 kDa Human GLI2 membrane protein expressed in Mammalian cell. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species
Human

Target Protein
GLI2

Protein Length
Partial (412-641aa)

Protein Class
Ion Channel

Molecular Weight
30.5 kDa

Sequence
EQLADLKEDLDRDDCKQEAEVVIYETNCHWEDCTKEYDTQEQLVHHINNEHIHGEKKEFVCRWQACTREQKPFKAQYMLVVHMRF

Product Description

Expression Systems
Mammalian cell

Tag
N-6xHis

Form
Liquid or Lyophilized powder

Reconstitution
Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration).

Purity
>85% as determined by SDS-PAGE

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Buffer

Liquid: Tris/PBS-based buffer, 5%-50% glycerol
Lyophilized powder: Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

GLI2

Full Name

GLI family zinc finger 2

Introduction

This gene encodes a protein which belongs to the C2H2-type zinc finger protein subclass of the Gli family. Members of this subclass are characterized as transcription factors which bind DNA through zinc finger motifs. These motifs contain conserved H-C links. Gli family zinc finger proteins are mediators of Sonic hedgehog (Shh) signaling and they are implicated as potent oncogenes in the embryonal carcinoma cell. The protein encoded by this gene localizes to the cytoplasm and activates patched Drosophila homolog (PTCH) gene expression. It is also thought to play a role during embryogenesis. The encoded protein is associated with several phenotypes- Greig cephalopolysyndactyly syndrome, Pallister-Hall syndrome, preaxial polydactyly type IV, postaxial polydactyly types A1 and B.

Alternative Names

CJS; Gli 2; GLI family zinc finger 2; GLI Kruppel family member GLI2; GLI2; GLI2_HUMAN; Glioma associated oncogene family zinc finger; HPE9; Oncogene GLI2; PHS2; Tax helper protein 1; Tax helper protein 2; Tax helper protein; Tax responsive element 2 holding protein; Tax responsive element 25 bp sequence binding protein; THP; THP1; THP2; Zinc finger protein GLI2; CJS; HPE9; PHS2; THP1; THP2

Gene ID

2736

UniProt ID

P10070

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