

Datasheet for ABIN5712333

GPR161 Protein (AA 1-28, Extracellular, partial) (GST tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	GPR161
Protein Characteristics:	Extracellular, AA 1-28, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPR161 protein is labelled with GST tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MSLNSSLSCR KELSNTLSTEE GEGGVII
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	GPR161
Alternative Name:	GP161 (GPR161 Products)
Background:	Key negative regulator of Shh signaling, which promotes the processing of GLI3 into GLI3R during neural tube development. Recruited by TULP3 and the IFT-A complex to primary cilia and acts as a regulator of the PKA-dependent basal repression machinery in Shh signaling by increasing cAMP levels, leading to promote the PKA-dependent processing of GLI3 into GLI3R

Target Details

and repress the Shh signaling. In presence of SHH, it is roved from primary cilia and is internalized into recycling endosomes, preventing its activity and allowing activation of the Shh signaling. Its ligand is unknown .

Molecular Weight: 30.4 kDa

UniProt: [Q8N6U8](#)

Pathways: [cAMP Metabolic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

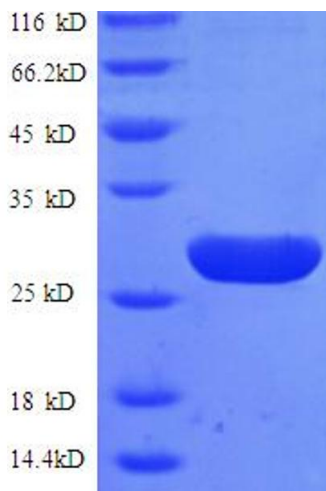
Concentration: 0.1-2 mg/mL

Buffer: 20 mM Tris-HCl based buffer, pH 8.0

Storage: -80 °C,4 °C,-20 °C

Storage Comment: Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



SDS-PAGE

Image 1.