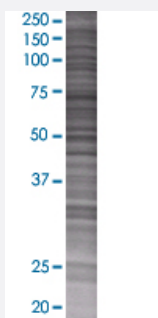


# GPR56 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00009289-T01

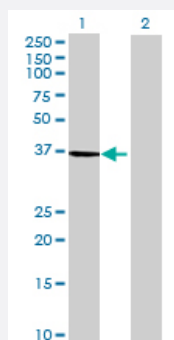
Size 100 uL

## Applications



### SDS-PAGE Gel

GPR56 transfected lysate.



### Western Blot

Lane 1: GPR56 transfected lysate ( 76.34 KDa)

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-GPR56 full-length
Host	Human
Theoretical MW (kDa)	76.34
Interspecies Antigen Sequence	Mouse (78); Rat (78)

**Quality Control Testing**

Transient overexpression cell lysate was tested with Anti-GPR56 antibody ([H00009289-B01](#)) by Western Blots.  
SDS-PAGE Gel  
GPR56 transfected lysate.  
Western Blot  
Lane 1: GPR56 transfected lysate ( 76.34 KDa)  
Lane 2: Non-transfected lysate.

**Storage Buffer**

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction**

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — GPR56

**Entrez GeneID**[9289](#)**GeneBank Accession#**[BC008770](#)**Protein Accession#**[AAH08770](#)**Gene Name**

GPR56

**Gene Alias**

BFPP, DKFZp781L1398, TM7LN4, TM7XN1

**Gene Description**

G protein-coupled receptor 56

**Omim ID**[604110 606854](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the G protein-coupled receptor family. The protein contains 7 transmembrane domains and a mucin-like domain in the N-terminal region. The gene is implicated in the regulation of brain cortical patterning. The protein binds specifically to transglutaminase 2 in the extracellular space. Expression of this gene is downregulated in melanoma cell lines, and overexpression of this gene can suppress tumor growth and metastasis. Mutations in this gene result in bilateral frontoparietal polymicrogyria. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations**

EGF-TM7-like|seven transmembrane helix receptor

## Disease

- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)