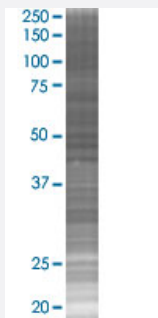


GPR56 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00009289-T02

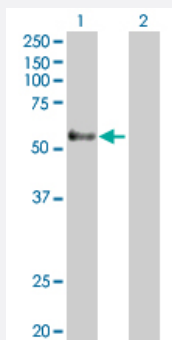
Size 100 uL

Applications



SDS-PAGE Gel

GPR56 transfected lysate.



Western Blot

Lane 1: GPR56 transfected lysate (77.70 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-GPR56 full-length
Host	Human
Theoretical MW (kDa)	77.7
Interspecies Antigen Sequence	Mouse (78); Rat (78)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-GPR56 antibody ([H00009289-D01P](#)) by Western Blots.
SDS-PAGE Gel
GPR56 transfected lysate.
Western Blot
Lane 1: GPR56 transfected lysate (77.70 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#**[AAH08770.1](#)**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](#)