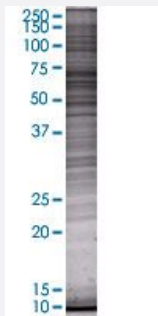


LGI1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00009211-T01

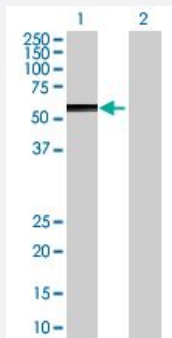
Size 100 uL

Applications



SDS-PAGE Gel

LGI1 transfected lysate.



Western Blot

Lane 1: LGI1 transfected lysate (61.38 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-LGI1 full-length
Host	Human
Theoretical MW (kDa)	61.38
Interspecies Antigen Sequence	Mouse (96); Rat (96)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-LGI1 antibody ([H00009211-B01](#)) by Western Blots.
 SDS-PAGE Gel
 LGI1 transfected lysate.
 Western Blot
 Lane 1: LGI1 transfected lysate (61.38 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 — LGI1

Entrez GeneID

[9211](#)

GeneBank Accession#

[NM_005097.1](#)

Protein Accession#

[NP_005088.1](#)

Gene Name

LGI1

Gene Alias

EPITEMPIN, EPT, ETL1, IB1099

Gene Description

leucine-rich, glioma inactivated 1

Omim ID

[137800 600512 604619](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene is rearranged as a result of translocations in glioblastoma cell lines. The protein contains a hydrophobic segment representing a putative transmembrane domain with the amino terminus located outside the cell. It also contains leucine-rich repeats with conserved cysteine-rich flanking sequences. This gene is predominantly expressed in neural tissues and its expression is reduced in low grade brain tumors and significantly reduced or absent in malignant gliomas. Mutations in this gene result in autosomal dominant lateral temporal epilepsy. [provided by RefSeq]

Other Designations

OTTHUMP00000020121|epilepsy, partial

Disease

- [Alzheimer Disease](#)
- [Depressive Disorder](#)
- [Epilepsies](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)