

Human LGI1 Knockdown Cell Lysate

Cat. No. LGI1-365HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated LGI1 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a member of the secreted leucine-rich repeat (LRR) superfamily and shares homology with members of the SLIT protein family. The encoded protein may regulate the activity of voltage-gated potassium channels and may be involved in neuronal growth regulation and cell survival. This gene is rearranged as a result of translocations in glioblastoma cell lines, and it is frequently down-regulated or rearranged in malignant gliomas. Mutations in this gene result in autosomal dominant lateral temporal epilepsy. Alternative splicing results in multiple transcript variants.
Form	Cell-Tissue Lysis buffer
Molecular Mass	64 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.

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Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg LGI1 KD HeLa cell lysate
Protein Families	Druggable Genome, Secreted Protein
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	LGI1 leucine-rich, glioma inactivated 1 [Homo sapiens (human)]
Official Symbol	LGI1
Synonyms	LGI1; leucine-rich, glioma inactivated 1; epilepsy, partial, EPT; leucine-rich glioma-inactivated protein 1; EPITEMPIN; ETL1; IB1099; epitempin-1; EPT; ADLTE; ADPAEF;
Gene ID	9211
mRNA Refseq	NM_005097
Protein Refseq	NP_005088
MIM	604619
UniProt ID	O95970

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