

Recombinant Human LLGL2

Cat. No. LLGL2-29145TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human LLGL2 with N terminal proprietary tag, 36.52 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	99 amino acids
Description	The lethal (2) giant larvae protein of Drosophila plays a role in asymmetric cell division, epithelial cell polarity, and cell migration. This human gene encodes a protein similar to lethal (2) giant larvae of Drosophila. In fly, the proteins ability to localize cell fate determinants is regulated by the atypical protein kinase C (aPKC). In human, this protein interacts with aPKC-containing complexes and is cortically localized in mitotic cells. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Weight	36.520kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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cycles.

Sequences of amino acids SLKVKGGASELQEDESFTLRGPPGAAPSATQITVVLPHSSCELLYLGTESGNVFWQ
LPAFRALEDRTISSDAVLQRLPEEARHRRVFEMVEALQEHPR

Sequence Similarities Belongs to the WD repeat L(2)GL family.Contains 14 WD repeats.

GENE INFORMATION

Gene Name LLGL2 lethal giant larvae homolog 2 (Drosophila) [Homo sapiens]

Official Symbol LLGL2

Synonyms LLGL2; lethal giant larvae homolog 2 (Drosophila); lethal giant larvae (Drosophila) homolog 2; lethal(2) giant larvae protein homolog 2; HGL;

Gene ID 3993

mRNA Refseq NM_001015002

Protein Refseq NP_001015002

Uniprot ID Q6P1M3

Chromosome Location 17q25.1

Pathway Tight junction, organism-specific biosystem; Tight junction, conserved biosystem;

Function PDZ domain binding; protein binding;

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