

# Recombinant Human LLGL2

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant fragment of Human LLGL2 with N terminal proprietary tag, 36.52 kDa.                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 99 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | 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. |
| <b>Molecular Weight</b> | 36.520kDa inclusive of tags                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Purity</b>           | Proprietary Purification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Storage buffer</b>   | pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Storage</b>          | Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA