

Product datasheet for SC302597

LLGL2 (NM_001031803) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LLGL2 (NM_001031803) Human Untagged Clone
Tag:	Tag Free
Symbol:	LLGL2
Synonyms:	HGL; Hugl-2; LGL2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC302597 representing NM_001031803. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGGCGGTTTCTGAGGCCAGGGCATGACCCTGTGCGGGAGAGGCTCAAGCGGGACCTGTTCCAGTTT
AACAAAGACGGTGGAGCATGGCTTCCCGCACCAGCCAGCGCCCTCGGCTACAGCCCGTCCCTGCGCATC
CTGGCCATCGGCACCCGTTCTGGAGCCATCAAGCTCTACGGAGCCCGAGGCTGGAGTTCATGGGGCTG
CACCAGGAGAACAACGCTGTGACGCAGATCCACCTCCTGCCCGCCAGTGCCAGCTGGTACCCTGCTG
GATGACAAACAGCCTGCACCTTTGGAGCCTGAAGGTCAAGGGCGGGGCATCGGAGCTGCAGGAGGATGAG
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CGGCGTGTGTTTCGAGATGGTGGAGGCACTGCAGGAGCACCCCTCGAGACCCCAACCAGATCCTGATCGGC
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CACGTCTCCAACATCCCCTGAAGCTGTGGGAGCGGATCATTGCCCGCCGAGCCGCGAGAACGCACAC
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CTGCTCACAGGGCAGGAGCGGCACGGTTCGGTCTGGGATGCCTCGGGTGTCTGCCTGCGGCTGCTC
TACAAACTCAGCACTGTGCGGTGTTCTCACCAGACGGACCCCAACGAGAACCTCAGTCCCAGGGC
GAGGACGAGTGGCCCCACTCCGAAGGTGGGCTCCTTTGACCCCTACAGTGATGACCCCGGCTGGC
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RefSeq Size: 3590 bp

RefSeq ORF: 3063 bp

Locus ID: 3993

UniProt ID: [Q6P1M3](#)

Cytogenetics: 17q25.1

Protein Families: Druggable Genome

Protein Pathways: Tight junction

MW: 113.4 kDa

Gene Summary: 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 protein's 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. [provided by RefSeq, Jul 2008]
Transcript Variant: This variant (3) represents the longest transcript and encodes the longest isoform (c).