

Recombinant Human DLG5 Protein, GST-tagged

Cat. No. DLG5-2679H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DLG5 partial ORF (NP_004738, 1708 a.a. - 1809 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the family of discs large (DLG) homologs, a subset of the membrane-associated guanylate kinase (MAGUK) superfamily. The MAGUK proteins are composed of a catalytically inactive guanylate kinase domain, in addition to PDZ and SH3 domains, and are thought to function as scaffolding molecules at sites of cell-cell contact. The protein encoded by this gene localizes to the plasma membrane and cytoplasm, and interacts with components of adherens junctions and the cytoskeleton. It is proposed to function in the transmission of extracellular signals to the cytoskeleton and in the maintenance of epithelial cell structure. Alternative splice variants have been described but their biological nature has not been determined. [provided by RefSeq, Jul 2008]
Molecular Mass	36.96 kDa
AA Sequence	LDIAPHAIERLHHMHIYPVIFIHYKSAKHIKEQRDPYLRDKVTQRHSKEQFEAAQKLE QEYSRYFTGVIQGGALSSICTQILAMVNQEQNKVLWIPACPL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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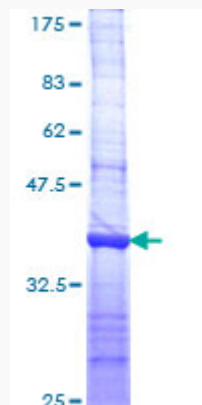
	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	DLG5 discs, large homolog 5 (Drosophila) [Homo sapiens]
Official Symbol	DLG5
Synonyms	DLG5; discs, large homolog 5 (Drosophila); discs, large (Drosophila) homolog 5; disks large homolog 5; KIAA0583; P dlg; large type of P-DLG; discs large protein P-dlg; placenta and prostate DLG; discs large protein LP-DLG; PDLG; LP-DLG; P-DLG5;
Gene ID	9231
mRNA Refseq	NM_004747
Protein Refseq	NP_004738
MIM	604090
UniProt ID	Q8TDM6

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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