

## Recombinant Mouse Cdhr2 Protein, Myc/DDK-tagged

Cat. No. Cdhr2-2082M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length cadherin-related family member 2 (Cdhr2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Intermicrovillar adhesion molecule that forms, via its extracellular domain, calcium-dependent heterophilic complexes with CDHR5 on adjacent microvilli. Thereby, controls the packing of microvilli at the apical membrane of epithelial cells. Through its cytoplasmic domain, interacts with microvillus cytoplasmic proteins to form the intermicrovillar adhesion complex/IMAC. This complex plays a central role in microvilli and epithelial brush border differentiation. May also play a role in cell-cell adhesion and contact inhibition in epithelial cells.
<b>Molecular Mass</b>	143.1 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** [Cdhr2 cadherin-related family member 2 \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Cdhr2](#)

**Synonyms** CDHR2; cadherin-related family member 2; protocadherin 24; protocadherin LKC; Gm624; PC-LKC; Pcdh24

**Gene ID** [268663](#)

**mRNA Refseq** [NM\\_001033364](#)

**Protein Refseq** [NP\\_001028536](#)

**UniProt ID** [E9Q7P9](#)

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