

## Recombinant Mouse Pcdh12 Protein, Myc/DDK-tagged

Cat. No. Pcdh12-4702M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length protocadherin 12 (Pcdh12), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Cellular adhesion molecule that may play an important role in cell-cell interactions at interendothelial junctions. Promotes homotypic calcium-dependent aggregation and adhesion and clusters at intercellular junctions. Unable to bind to catenins, weakly associates with the cytoskeleton.
<b>Molecular Mass</b>	129.1 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
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

**Gene Name** Pcdh12 protocadherin 12 [ Mus musculus (house mouse) ]

**Official Symbol** Pcdh12

**Synonyms** PCDH12; protocadherin 12; protocadherin-12; VE-cadherin-2; protocadherin 14; vascular cadherin-2; vascular endothelial cadherin-2; Pcdh14; VE-cad-2

**Gene ID** 53601

**mRNA Refseq** NM\_017378

**Protein Refseq** NP\_059074

**UniProt ID** O55134

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