

Recombinant Mouse Pcdh12 Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length protocadherin 12 (Pcdh12), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	129.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	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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