

Recombinant Human PCDH12 Protein, MYC/DDK-tagged

Cat. No. PCDH12-547H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PCDH12 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The encoded protein consists of an extracellular domain containing 6 cadherin repeats, a transmembrane domain and a cytoplasmic tail that differs from those of the classical cadherins. The gene localizes to the region on chromosome 5 where the protocadherin gene clusters reside. The exon organization of this transcript is similar to that of the gene cluster transcripts, notably the first large exon, but no significant sequence homology exists. The function of this cellular adhesion protein is undetermined but mouse protocadherin 12 does not bind catenins and appears to have no affect on cell migration or growth. [provided by RefSeq, Jul 2008]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	125.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	protocadherin 12[Homo sapiens]
Official Symbol	PCDH12
Synonyms	VE-cadherin-2; VECAD2
Gene ID	51294
mRNA Refseq	NM_016580.2
Protein Refseq	NP_057664.1
MIM	605622
UniProt ID	Q9NPG4

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