

Product datasheet for TP523032

Pcdh12 (NM_017378) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse protocadherin 12 (Pcdh12), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR223032 representing NM_017378 Red=Cloning site Green=Tags(s)

MMLLLPFLGLLGPGSYLFISGDCQEVATVMVKFQVTEEVPSGTVIGKLSQELRVEERRGKAGDAFQILQ
LPQALPVQMNSEDGLLSTSSRLDREKLCRQEDPCLVDFDLATGASALIHVEIQVLDINDHQPQFPKDEQ
ELEISEASLHTRIPDRALDQDTGPNLSYSLSLSPSEHFALDVIIVGPDETKHAELVVKELDRELHSHYF
DLVLTAYDNGNPPKSGISVVKVNLDSNDNSPVFAESSLALEIPEDTVPGLTLLINLTATDPDQGPNGEVE
FFFKGVHVSPEVMNTFGIDAKTGQIILRQALDYEKNPAYEVDVQARDLGPNSIPGHCKVLIKVLVDVNDNAP
SILITWASQTSLVSEDLPRDSFIALVSANDLDSGNNGLVHCWLNQELGHFRLKRTNGNTYMLLTNATLDR
EQWPIYTLTVFAQDQGPQPLSAEKELQIQVSDVNDNAPVFEKSRYEVSTWENNPPSLHLITLKAHDADLG
SNGKVSYRIKIDSPVSHLVIIDFETGEVTAQRSLDYEQMGAFEFQVIAEDRGQPQLASSISVWVSLLDAND
NAPEVIQPVLSSEKATLSVLVNASTGHLLPIENPSGMDPAGTGIPPKATHSPWSFLLLTIVARDADSGA
NGELFYSIQSGNDAHLFFLSPSLGQLFINVTNASSLIGSQWDLGIVVEDQGSPLQTQVSLKVVFTSVD
HLRDSAHEPGVLSTPALALICLAVLLAIFGLLLALFVSICRTERKDNRAYNCREAESSYRHQPKRPQKHI
QKADIIHLVPVLAHENETDEVRPSHKDTSKETLMEAGWDSCLQAPFHLTPTLYRTLNRQGNQGELAESQE
VLQDTFNFLFNHPRQRNASRENLNLPESPPAVRQPLLRPLKVPKSPGIARATGDQDKEEAPQSPASSATL
RRQRNFNGKVSPPRGESGPHQILRSLVRLSVAFAERNPVEEPAGDSPPVQVQISQLLSLLHQGFQPKPNH
RGNKYLAKPGGSSRGTIPDTEGLVGLKPSGQAEPDLEEGPPSPEEDLSVKRLLLEELSSLLDPNTGLALD
KLSPDPAPWMARLSLPLTTNYRDNLSSPDATTSEEPRTFQTFGKTVGPGPELSPTGTRLASTFVSEMSL
LEMMLGQHTVPVEAASAALRRLSVCGRTLSLDLATSGASASEAQGRKKAESRLGCGRNL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	129.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



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Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_059074
Locus ID:	53601
UniProt ID:	O55134 , Q8C883
RefSeq Size:	5587
Cytogenetics:	18 B3
RefSeq ORF:	3540
Synonyms:	Pcdh14; VE-cad-2
Summary:	Cellular adhesion molecule that may play an important role in cell-cell interactions at interendothelial junctions (PubMed:9651350). Acts as a regulator of cell migration, probably via increasing cell-cell adhesion (By similarity). Promotes homotypic calcium-dependent aggregation and adhesion and clusters at intercellular junctions (PubMed:9651350). Unable to bind to catenins, weakly associates with the cytoskeleton (PubMed:9651350). [UniProtKB/Swiss-Prot Function]