

Recombinant Human PCDH10 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PCDH10-4464H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PCDH10 MS Standard C13 and N15-labeled recombinant protein (NP_065866) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. This family member contains 6 extracellular cadherin domains, a transmembrane domain and a cytoplasmic tail differing from those of the classical cadherins. The encoded protein is a cadherin-related neuronal receptor thought to function in the establishment of specific cell-cell connections in the brain. This gene plays a role in inhibiting cancer cell motility and cell migration. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Mass	94.9 kDa
AA Sequence	MIVLLLFALLWMVEGVFSQLHYTVQEEQEHGTFVGNI AEDLGLDITKLSARGFQTVP NSRTPYLDLNLETGVLVNEKIDREQICKQSPSCVLHLEV FLENPLELFQVEIEVLDIN DNPPSFPEPDLTVEISESATPGTRFPLESAFDPDVGTNSLRDYEITPNSYFSLDVQQTQ GDGNRFAELVLEKPLDREQQAVHRYVLTAVDGGGGGGGVGEGGGGGGGAGLPPQ QQRGTGALLTIRVLDSNDNVPAFDQPVYTVSLPENSPPGTLVIQLNATDPDEGQNGE VVYSFSSHISPRARELFGLSPRTGRLEVSGELDYEE SPVYQVYVQAKDLGPNVPA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

HCKVLVRVLDANDNAPEISFSTVKEAVSEGAAPGTVVALFSVTDRDSEENGQVQCE
 LLGDVPFRLKSSFKNYYTIVTEAPLDREAGDSYTLTVVARDRGEALSTSKSIQVQVS
 DVNDNAPRFSQPVDVYVTENNVPGAYIYAVSATDRDEGANALAYSILECQIQGM
 SVFTYVSINSENGYLYALRSFDYEQLKDFSQVEARDAGSPQALAGNATVNILIVDQN
 DNAPAIVAPLPGRNGTPAREVLPRSAEPGYLLTRVAADVADDGENARLTYSIVRGNE
 MNLFRMDWRTGELRTARRVPAKRDPQRPYELVIEVRDHGQPPLSSTATLVVQLVD
 GAVEPQGGGGSGGGGSGEHQRPSRSGGGETSLDLTLILIALGVSFIFLLAMIVLAV
 RCQKEKKLNIYTCLASDCCLCCCCGGGGSTCCGRQARARKKKLSKSDIMLVQSSN
 VPSNPAQVPIEESGGFGSHHHNQNYCYQVCLTPESAKTDLMLFKPCSPSRSTDTEH
 NPCGAIVTGYTDQQPDIISNGSILSNEVRLKRKDHHLSSPPSESLLTRTRPLEQKLISE
 EDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name PCDH10 protocadherin 10 [Homo sapiens (human)]

Official Symbol PCDH10

Synonyms PCDH10; protocadherin 10; protocadherin-10; KIAA1400; OL PCDH; ortholog of OL-pcdh; PCDH19; OL-PCDH; MGC133344; DKFZp761O2023;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene ID	57575
mRNA Refseq	NM_020815
Protein Refseq	NP_065866
MIM	608286
UniProt ID	Q9P2E7
SDS-PAGE	