

## Recombinant Human PCDH1, His-tagged

Cat. No. PCDH1-180H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human Protocadherin-1/PCDH1 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Thr58-Asn852) of Human PCDH1 fused with a polyhistidine tag at the C-terminus.

**Species** Human

**Source** HEK293

**ProteinLength** 58-852 a.a.

**AA Sequence**

TRVVYKVPPEEQPPNTLIGSLAADYGFPDVGHLYKLEVGAPYLVRVDGKTGDIFTTETSIDREGL R ECQNQLPGDPCILEFEVSITDLVQNGSPRLLEGQIEVQDINDNTPNFASPVITLAI PEN TNIGS LFPIPLASDRDAGPNGVASYELQAGPEAQELFGLQVAEDQEEKQPQLIVMGNLDR ERWDSYDLT IKVQDGGSPPRASSALLRVTVLDTNDNAPKFERPSYEAELSENSPIGHSVI QVKANDSDQGANA EIEYTFHQAPEVVRLLRLDRNTGLITVQGPVDREDLSTLRFSVLAK DRGTNPKSARAQVVVTV KDMNDNAPTIEIRGIGLVTHQDGMANISEDVAEETAVALVQVS DRDEGENAAVTCVVAGDVPFQ LRQASETGSDSKKKYFLQTTTTPLDYEKVKDYTIEIVA VD SGNPPLSSTNSLKVQVVDVNDNAPV FTQSVTEVAF PENNKPGEVIAEITASDADSGSNAE LVYSLEPEPAAKGLFTISPETGEIQVKTSLDREQRESYELKVVAADRGSPLQGTATVLV NVLDCNDNDPKFMLSGYNFSVME NMPALSPVGM VTVIDGDKGENAQVQLSVEQDNGDFVI QNGTG TILSSLSFDREQQSTYTFQLKAVDGGVPPRSA YVGVTINVL DENDNAPYITAPSN TSHKLLTPQTRLGETVSQVAAEDFD SGVNAELIYSIAGGNP YGLFQIGSHSGAITLEKEI ERRHHGLHRLVVKVSDRGKPPRYGTALVHLYVNETLANRTLLET L LGHSLDTPLDIDIAG DPEYERSKQ

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RGNVDHHHHHH

**Endotoxin** Less than 0.1 ng/μg (1 IEU/μg).

**Purity** Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

## GENE INFORMATION

**Gene Name** [PCDH1 protocadherin 1 \[ Homo sapiens \]](#)

**Official Symbol** PCDH1

**Synonyms** PCDH1; protocadherin 1; protocadherin 1 (cadherin like 1); protocadherin-1; pc42; cadherin-like 1; protocadherin 42; protocadherin-42; cadherin-like protein 1; PC42; PCDH42; FLJ53887; MGC45991;

**Gene ID** [5097](#)

**mRNA Refseq** [NM\\_002587](#)

**Protein Refseq** [NP\\_002578](#)

**MIM** [603626](#)

**UniProt ID** [Q08174](#)

**Chromosome Location** 5q31.3

**Function** calcium ion binding;

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