

Protocadherin beta-13 (PCDHB13) Recombinant Protein | PCDHB13UNQ332 recombinant protein

Recombinant Human Protocadherin beta-13 (PCDHB13), partial

CATALOG # AAA117708	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Protocadherin beta-13 (PCDHB13); Recombinant Human Protocadherin beta-13 (PCDHB13); partial; PCDHB13UNQ332 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	29-690. Fragment at the N-terminal, provide the complete extracellular domain.
Sequence	AEPRSYSVVE ETEGSSFVTN LAKDLGLEQR EFSRRGVRV SRGNKLHLQL NQETADLLN EKLDREDLCG HTEPCVLRQ VLLSPFEFF QAEQVIDIN DHSPVFLDKQ MLVKVSESSP PGTTFPLKNA EDLDVGQNNI ENYIISPNSY FRVLTRKRS GRKYPELVLD KALDREEEAE LRLTLTALDG GSPPRSGTAQ VYIEVLDVND NAPEFEQPFY RVQISEDSPV GFLVVKVSAT DVTGNGEI SYSLFQASEE IGKTFKINPL TGEIELKKQL DFEKLQSYEV NIEARDAGTF SGKCTVLIQV IDVNDHAPEV TMSAFTSPIP ENAPETVVAL FSVSDLDSGE NGKISCSIQE DLPFLKSAE NFYTLLTERP LDRESRAEYN ITITVDTLGT PMLITQLNMT VLIADVNDNA PAFTQTSYTL FVRENNSPAL HIRSVSATDR DSGTNAQVTY SLLPPQDPHL PLTSLVSINA DNGHLFALRS LDYEQGFQ FRVGASDHGS PALSSEALVR VVLDANDNS PFVLYPLQNG SAPCTELVPR AAEPGYLVTK VVAVDGDSGQ NAWLSYQLK ATELGLFGVW AHNGEVRTAR LLSEDAAKH RLVLVKDNG EPPRSATATL HVLLVDGFSQ PYLPLPEAAP TQAQADLLTV YL
Sequence Length	690
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for PCDHB13UNQ332 recombinant protein	This gene is a member of the protocadherin beta gene cluster, one of three related gene clusters tandemly linked on chromosome five. The gene clusters demonstrate an unusual genomic organization similar to that of B-cell and T-cell receptor gene clusters. The beta cluster contains 16 genes and 3 pseudogenes, each encoding 6 extracellular cadherin domains and a cytoplasmic tail that deviates from others in the cadherin superfamily. The extracellular domains interact in a homophilic manner to specify differential cell-cell connections. Unlike the alpha and gamma clusters, the transcripts from these genes are made up of only one large exon, not sharing common 3 exons as expected. These neural cadherin-like cell adhesion proteins are integral plasma membrane proteins. Their specific functions are unknown but they most likely play a critical role in the establishment and function of specific cell-cell neural connections.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11036654
NCBI GeneID	56123
NCBI Accession #	NP_061756.1

NCBI GenBank Nucleotide #	NM_018933.3
UniProt Accession #	Q9Y5F0 ; A8K9V6
Molecular Weight	87,552 Da
NCBI Official Full Name	protocadherin beta-13
NCBI Official Synonym Full Names	protocadherin beta 13
NCBI Official Symbol	PCDHB13
NCBI Official Synonym Symbols	PCDH-BETA13
NCBI Protein Information	protocadherin beta-13
UniProt Protein Name	Protocadherin beta-13
UniProt Gene Name	PCDHB13
UniProt Synonym Gene Names	PCDH-beta-13

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pcdhb13-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117708>