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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PCDHB16 (Human) Recombinant Protein (P01)

Catalog Number: H00057717-P01

Regulation Status: For research use only (RUO)

Product Description: Human PCDHB16 full-length ORF (AAH36062.1, 1 a.a. - 776 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MEIGWMHNRQRQVLVFFVLLSLSGAGAELGSYSVVE
ETERGSFVANL GKDLGLGLTEMSTRKARIISQGNKQHL
QLKAQTGDLLINEKLDREELCGPTEPCILHFQVLMENP
LEIFQAELRVIDINDHSPMFTEKEMILKIPENSPLGTEFP
LNHALDLVGSNNVQNYKISPSSHFRVLIHEFRDGRKY
PELVLDKELDREEEPQLRLTLTALDGGSPPRSGTAQV
RIEVDINDNAPEFEQPIYKVQIPENSPLGSLVATVSAR
DLDDGGANGKISYTLFQPSSEDISKTLEVNPMTGEVRLRK
QVDFEMVTSYEVRIKATDGGGLSGKCTLLLQVVDVND
NPPQVTMSALTSPIAENSPEIVVAVFSVSDPDSGNNGK
TISSIQEDLPFLKPSVKNFYTLVTERALDREARAEYNIT
LTVTDMGTPRLKTEHNITVQISDVNDNAPTFTQTSYTL
FVRENNSPALHIGSVSATDRDSGTNAQVTYLLPPQD
PHLPLASLV SINADNGHLFALRSLDYEALQAFEFVGA
TDRGSPALSREALVRVLVDANDNSPLVLYPLQNGSA
PCTELVPRAAEPGYLVTKVVAVDGDSGQNAWLSYQLL
KATEPGLFGVWAHNGEVRTARLLSERDAAKQRLVVLV
KDNGEPPRSATATLHVLLVDGFSQPFLPLPEAAPGQT
QANSLTVYLVVALASVSSLFLFSVLLFVAVRLCRRSRA
ASVGRCSMPEGPFPGRLLVDVSGTGTLSSQSYQYEVCL
TGGSETSEFKFLKPIIPNFSP

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 111.10

Interspecies Antigen Sequence: Mouse (76)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression](#)

[system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 57717

Gene Symbol: PCDHB16

Gene Alias: KIAA1621, ME1, PCDH-BETA16, PCDH3X, PCDHB8a

Gene Summary: 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. [provided by RefSeq]