

32-7550: Recombinant Human Protocadherin-10/PCDH10 (C-6His)

Gene : PCDH10
Gene ID : 57575
Uniprot ID : Q9P2E7

Description

Source: Human Cells.
MW :76.38kD.

Recombinant Human Protocadherin-10 is produced by our Mammalian expression system and the target gene encoding Gln19-Thr715 is expressed with a 6His tag at the C-terminus. Protocadherin-10 (PCDH10) is a single-pass type I membrane protein that contains six extracellular cadherin domains, one transmembrane domain and one cytoplasmic tail differing from those of the classical cadherins. As a potential calcium-dependent cell-adhesion neuronal receptor, it may play a role in the establishment and function of specific cell-cell connections in the brain. PCDH10 moderately expressed in all regions of the brain examined, as well as in testis and ovary, and low expression in all other tested tissues.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks.
Storage condition : Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : QLHYTVQEEQEHEGTFVGNIAEDLGLDITKLSARGFQTPNSRTPYLDLNLLETGVLYVNEKIDREQICKQSPSCVLEHLEVFLENPLELFQVEIEVLDINDNPPSFPEPDLTVEISESATPGTRFPLESAFDPDVGTVNSLRDYEITPNSYFSLDVQTQGDGDNRFELVLEKPLDREQQAVHRYVLTAVDGGGGGGVGEVGGGGGGAGLPPQQRTGTALLTIRVLDSDNDNVPADFQPVYTVSLPENSPPGTLVIQLNATDPDEQNGEVVYFSSHISPRARELFGLSPRTGRLEVSGELDYEESPVYQVYVQAKDLGPNVPAHCKVLRVLDANDNAPEISFSTVKEAVSEGAAPGTVVALFSVTDRDSEENGVQVQCELLGDVFPFRPKSSFKNYYTIVTEAPLDREAGDSYTLTVVARDRGEPALSTSKSIQVQVSDVNDNAPRFSQPVYDVYVTENNVPYAVSATDRDEGANALAYSILECQIQGMSVFTYVSINSENGYLYALRSFDYEQKDFSFQVEARDAGSPQALAGNATVNILIVDQNDNAPAIAPLGRNGTPAREVLPRAEPGYLLTRVAAVDADDGENARLTYIVRGNEMLFRMDWRTGELRTARRVPAKRDPQRPYELVIEVRDHGQPLSSTATLVVQLVDGAVEPQGGGGSGGGSGEGHQRPSRSGGGGETSLDLTVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.