

32-7774: Recombinant Human Cadherin-11/OB-Cadherin/CDH11 (C-6His)

Gene : CDH11
Uniprot ID : Q96CZ9

Description

Source: Human Cells.
MW :66.63kD.

Recombinant Human Cadherin-11 is produced by our Mammalian expression system and the target gene encoding Phe23-Thr617 is expressed with a 6His tag at the C-terminus. Cadherin-11 is a type II classical cadherin member of the cadherin superfamily of integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Cadherins interact with themselves in a homophilic manner in connecting cells, and thus contribute to the sorting of heterogeneous cell types. Cadherin-11 contains five cadherin domains and is mainly expressed in the brain. Mature cadherin proteins consists of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small highly conserved C-terminal cytoplasmic domain. It is shown that Cadherin-11 is a viable molecular target for therapeutic intervention in Glioblastoma multiforme.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. 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 : FAPERRGHLRPSFHGHHEKGGKQVLQRSKRGWVWNQFFVIEEYTGPDVPLVGRHSDIDSGDGNIKYILSGE
GAGTIFVIDDKSGNIHATKTLDRERAQYTLMAQAVDRDTNRPLEPPSEFIVKVQDINDNPPEFLHETYHANVPE
RSNVGTSVIQVTASDADDPTYGNSAKLVYSILEGQPYFSVEAQTGIIRTALPNMDREAKEYHVVIIQAKDMGGH
MGGLSGTTKVMITLTDVNDNPPKFPQSVYQMSVSEAAVPGEEVGRVKAKDPDIGENGLVTYNIVDGDGMESFE
ITTDYETQEGVIKLPVDFETKRAYSLKVEAANVHIDPKFISNGPFKDTVTVKIAVEDADEPPMFLAPSYIHEVQE
NAAAGTVVGRVHAKDPDAANSPIRYSIDRHTDLDRFFITINPEDGFIKTTKPLDREETAWLNITVFAAEIHNHRHQE
AKVPVAIRVLDVNDNAPKFAAPYEGFICESDQTKPLSNQPIVTISADDKDDTANGPRFIFSLPPEIHNPNFTVRDN
RDNTAGVYARRGGFSRQKQDLYLLPIVISDGGIPPMSSNTLTIKVCGCDVNGALLSCNAEAYILNAGLSTVDHH
HHHH

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 Åµg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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