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32-13135: CDH1 Human, HEK

Alternative Name : Epithelial cadherin, E-cadherin, Uvomorulin, Cadherin-1, CAM 120/80, CD324 antigen, CDH1, CDHE, UVO, ECAD, LCAM, Arc-1, CD324, Cadherin-E.

Description

Source: HEK cells.
Sterile Filtered White lyophilized (freeze-dried) powder.
E-cadherin (uvomorulin, cell-CAM120/80) is a calcium dependent cell adhesion molecule expressed predominately in epithelial tissues. It plays an important role in the growth and development of cells via the mechanisms of control of tissue architecture and the maintenance of tissue integrity. Numerous studies have demonstrated that reduction and/or loss of Ecadherin expression in carcinomas correlates positively with the potential of these tumors for invasion and metastasis.
E-Cadherin Human Recombinant produced in HEK cells is a secreted protein with the sequence of Human E-Cadherin (amino acids Asp155-Ile707) and fused to a 6xHis tag at the C-terminus.

Product Info

Amount :	10 µg / 50 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The CDH1 protein was lyophilized from a 0.2µm filtered solution in PBS, pH7.4. It is recommended to reconstitute the lyophilized CDH1 in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Storage condition :	Lyophilized E-Cadherin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CDH1 should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.
Amino Acid :	DWVIPPISCPENEKGPFPKNLVQIKSNKDKEGKVFYSITGQGADTPPVGVFIIERETGWLKVTEPLDRERIATYTLF SHAVSSNGNAVEDPMEILITVTDQNDNKPEFTQEVFKGSVMEGALPGTSVMEVTATDADDDVNTYNAAIAYTIL SQDPELPDKNMFTINRNTGVISVVTTGLDRESFPTYTLVVQAADLQGEGLSTTATAVITVTDTNDNPPIFNPTTY KGQVPENEANVVITTLKVTDADAPNTPAWEAVYTILNDDGGQFVVTTNPVNNDGILKTAKGLDFEAKQQYILHV AVTNVVPFEVSLTTSTATVTVDVLDVNEAPIFVPPEKRVEVSEDFGVGQEITSYTAQEPDTFMEQKITYRIWRDT ANWLEINPDTGAISTRAELDREDFEHVKNSTYTALIIATDNGSPVATGTGTLLLILSDVNDNAPIPEPRTIFFCERN PKPQVINIIDADLPPNTSPFTAELTHGASANWTIQYNDPTQESIILKPKMALEVGDYKINLKLMDNQNKDQVTTLE VSVCDCEGAAGVCRKAQPVEAGLQIHHHHHH.

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