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Cadherin-1, 24-709aa, Human, His tag, Insect cell

产品货号: TP01399

第三版

别名:CDH1, Arc-1, CD324, CDHE, ECAD, LCAM, UVO

描述:CDH1, also known as cadherin-1, is a member of cell surface glycoproteins that mediate cell adhesion. Human CDH1 shares amino acid sequence identity with the rat and mouse proteins. It is a single-pass transmembrane protein that mediates calcium-dependent epithelial cell adhesion. This protein preferentially interacts with themselves in a homophilic manner in connecting cells. It may thus contribute to the sorting of heterogeneous cell types. It is involved in mechanisms regulating cell-cell adhesions, mobility and proliferation of epithelial cells. It is a ligand for integrin alpha-E/beta-7. Recombinant human CDH1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量:76.6kDa (694aa), 70kDa (SDS-PAGE under reducing conditions)

序列:

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EPEPCHPGFDAESYFTVPRRHLEGRVLRVNFEDCTGRQRTAYFSLDTRFKVGTGVDGIVTKRPLRFHNPQIHFLVYAW  
DSTYRKFKSTKVTLNTVGHHRPPPHQASVSGIQAELLTFPNSSPLRRQKRDWVIPPISCPENEKGPFPKNLVQIKSNKDKE  
GKVFYSITGQGADTPPVGVFIIERETGWLKVTEPLDRERIATYTLFSHAVSSNGNAVEDPMEILITVTDQNDNKPEFTQEVF  
KGSVMEGALPGTSVMEVTATDADDDVNTYNAAIAYTILSQDPELPDKNMFTINRNTGVISVTTGLDRESFPTYTLVVQA  
ADLQGEGLSTTATAVITVTDNDNPPIFNPTTYKGQVPENEANVVITTLKVTADAPNTPAWEAVYTI LNDDGGQFVVT  
TNPVNNDGILKTAKGLDFEAKQQYILHVAVTNVVPEVSLTTSTATVTVDVLDVNEAPIFVPPEKRVEVSEDFGVGQEITS  
YTAQEPDTFMEQKITYRIWRDTANWLEINPDTGAI STRAELDREDFEHVKNSTYTALIIATDNGSPVATGTGTTTTLILSDVN  
DNAPIPEPRTIFFCERNPKPQVINIIDADLPPNTSPFTAELTHGASANWTIQYNDPTQESIILKPKMALEVGDYKINLKLMDN  
QNKDQVTTLEVSVCDCEGAAGVCRKAQPVEAGLQIPALEHHHHHH
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纯度:> 95% by HPLC

浓度:0.5mg/ml (determined by Absorbance at 280nm)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储:+4 ° C 保存 (1-2 周). 长期保存在-20 ° C 或者-70 ° C. 避免反复冻融.