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Cadherin-5, 25-599aa, Mouse, His tag, Insect cell

产品货号: TP01400

第三版

别名:Cdh5, 7B4, AA408225, Cd144, VE-Cad, Vec, VEcad, VECD

**描述:**CDH5, also known as cadherin-5, is a classical cadherin from the cadherin superfamily and the gene is located in a six-cadherin cluster in a region on the long arm of chromosome 16 that is involved in loss of heterozygosity events in breast and prostate cancer. The encoded protein is a calcium-dependent cell-cell adhesion glycoprotein composed of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Functioning as a classic cadherin by imparting to cells the ability to adhere in a homophilic manner, the protein may play an important role in endothelial cell biology through control of the cohesion and organization of the intercellular junctions. Recombinant mouse CDH5, 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:**66.2kDa (583aa) 70-100kDa (SDS-PAGE under reducing conditions)

**序列:**

GPNFPQIDTPNMLPAHHRQKRDWIWNQMHI DEEKNESLPHYVGKIKSNVNRQNAKYVLQGEFAGKIFGVDANTGNVL  
AYERLDREKVSEYFLTALIVDKNTNKNLEQPSSFTVKVHDINDNWPVFSHQVFNASVPEMSAIGTSVIRVTAVDADDPTV  
AGHATVLYQIVKGNEYFSIDNSGLIFTKIKNLDREKQAEYKIVVETQDALGLRGESGTATVMIRLEDINDNFPVFTQSTYTF  
SVPEDIRVGKPLGFLTVDVDPDEPQNRMTKYSIMQGEYRDTFTIETDPKRNEGIKPTKSLDYEVIIQQYTFYIEATDPTIRYEYL  
SSTSGKNKAMVTINVLVDVDEPPVFQRHFYHFKLPENQKKPLIGTVVAKDPDKAQRSIGYSIRKTS DRGQFFRITKQGN IYN  
EKELDRETYAWYNLTVEANELDSRGNPVGKESIVQVYIEVLDENDNPPEFAQPYEPKVCENAAQGKLVVQISATDKDVVP  
VNPKFKFALKNEDSNFTLINNHDNTANITVKYGFNREHAKFHLYLPVLISDNGVPSLTGTSTLTVGVCKCNEQGGEFTFCE  
EMAAQAGVSIQLEHHHHHHH

**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.