

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

CDH5, 29-599aa, Human, hIgG-His-tag, Baculovirus

产品货号: TP01552

第三版

别名: Cadherin-5, CDH5, 7B4, CD144

描述: CDH5, as known as cadherin-5, is a member of the atypical/type 2 subgroup of Cadherin homophilic adhesion proteins. This protein plays a role in the formation, maturation and remodeling of the vascular wall. It is widely considered to be specific for vascular endothelia in which it is either the sole or the predominant cadherin, often co-existing with N-cadherin. Also, this protein regulates or is regulated by VEGF R2, type 1 and type 2 TGF-beta receptors, and other endothelial junction proteins such as JAM-C, Claudin-5, and N-Cadherin. Recombinant human CDH5, fused to hIgG-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: 91.5kDa (810aa), 70-100kDa (SDS-PAGE under reducing conditions.)

序列:

```
NPAQRDTHSLLPTHRQKRDWIWNQMHIDEKNTSLPHHVGKIKSSVSRKNAKYLKGEYVGKVFVRVDAETGDVFAIER
LDRENISEYHLTAIVVDKDTGENLETSSFTIKVHVDNDNWPVFTHRLFNASVPSSAVGTSVISVTAVDADDPTVGDHAS
VMYQILKGKEYFAIDNSGRIITITKSLDREKQARYEIVVEARDAQGLRGDSGTATVLVTLQDINDNFPFFTQTKYTFVVPED
TRVGTSGVSLFVEDPDEPQNRMTKYSILRGDYQDAFTIETNPAHNEGIIKPMKPLDYEYIQQYFIVEATDPTIDLRYMSPPA
GNRAQVIINITDVDEPPIFQQPFYHFQLKENQKKPLIGTVLAMDPDAARHSIGYSIRRTSDKGQFFRVTKKGDYNEKELDR
EVYPWYNLTVEAKELDSTGTPTGKESIVQVHIEVLDENDNAPEFAKPYQPKVCENAVHGQLVLQISAIKDKITPRNVKFKF
ILNTENNFTLTDNHDNTANITVKYGGQFDREHTKVHFLPVVISDNGMPSRTGTSTLTVAVCKCNEQGEFTFCEDMAAQV
GVSILEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT
KPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVK
GFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVVFSCSVMHEALHNHYTQKSLSLSPGKHH
HHHH
```

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.