9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CDH5 Mouse

Cadherin 5 Mouse Recombinant
RCP0371

Product Overview

Name	CDH5 Mouse
Description	
Cadherin 5 Mouse Recombinant	
Accession (Primary)	P55284
Synonyms	
Cadherin-5, Vascular endothelial cadherin, VE-cadherin, CD144, Cdh5.	
Introduction	
Cadherin-5, also known as CDH5 is a classical cadherin which belongs to the cadherin superfamily. The CDH5 is located in a six-cadherin cluster in a region on the long arm of chromosome 16 which is involved in loss of heterozygosity events in breast as well as prostate cancer. CDH5 is a calcium-dependent cell-cell adhesion glycoprotein composed of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Furthermore, CDH5 functions as a classic cadherin by passing on to cells the ability to adhere in a homophilic manner, CDH5 plays a significant role in endothelial cell biology through control of the cohesion as well as organization of the intercellular junctions .	
Source	
Sf9, Insect cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
CDH5 protein solution (0.5mg/ml) contains phosphate buffered saline (pH7.4) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
GPNFPQIDTP NMLPAHHRQK RDWIWNQMHI DEEKNESLPH YVGKIKSNVN RQNAKYVLQG EFAGKIFGVD ANTGNVLAYE RLDREKVSEY FLTALIVDKN TNKNLEQPSS FTVKVHDIND NWPVFSHQVF NASVPEMSAI	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

GTSVIRVTAV DADDPTVAGH ATVLYQIVKG NEYFSIDNSG LIFTKIKNLD REKQAEYKIV VETQDALGLR GESGTATVMI RLEDINDNFP VFTQSTYTFS VPEDIRVGKP LGFLTVVDPD EPQNRMTKYS IMQGEYRDTF TIETDPKRNE GIIKPTKSLD YEVIQQYTFY IEATDPTIRY EYLSSTSGKN KAMVTINVLD VDEPPVFQRH FYHFKLPENQ KKPLIGTVVA KDPDKAQRSI GYSIRKTSDR GQFFRITKQG NIYNEKELDR ETYAWYNLTV EANELDSRGN PVGKESIVQV YIEVLDENDN PPEFAQPYEP KVCENAAQGK LVVQISATDK DVVPVNPKFK FALKNEDSNF TLINNHDNTA NITVKYGQFN REHAKFHYLP VLISDNGVPS LTGTSTLTVG VCKCNEQGEF TFCEEMAAQA GVSIQ LEHHH HHH .

Precautions

CDH5 Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P55284)