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32-9180: Recombinant Human Cadherin-11/CDH11 (C-His)

Alternative Name : Cadherin 11 Type 2 OB-cadherin (Osteoblast); Cadherin 11 Type 2 OB-Cadherin (Osteoblast)Isoform CRA_c; CDH11

Description

Source : Human 293 Cells;
Cadherin-11 is a type II classical cadherin member of the cadherin superfamily of integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Cadherin-11 is expressed in embryonic mesodermal tissues and facilitates the morphogenesis of the nervous and skeletal systems. Cadherins play roles in multiple processes including embryonic development, cell migration, and maintenance of epithelial integrity. Cadherins interact with themselves in a homophilic manner in connecting cells, and thus contribute to the sorting of heterogeneous cell types. Cadherin-11 is up-regulated on breast cancer and prostate cancer cells which preferentially metastasize to bone. It facilitates this metastasis via homophilic adhesion to bone marrow stroma and osteoblast-expressed Cadherin-11. Also, Cadherin-11 is considered a viable molecular target for therapeutic intervention in Glioblastoma multiforme.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 um filtered solution of 20mM PB,150mM NaCl,pH7.4

Amino Acid : Recombinant Human Cadherin-11 is produced by our Mammalian expression system and the target gene encoding Phe23-Thr617 is expressed with a 6His tag at the C-terminus.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.