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Recombinant Mouse CADM4 / IGSF4C / TSL2 Protein (His tag)

产品货号: TP07682

第三版

别名: Igdf4c; Igsf4c; Tsl2

描述: Immunoglobulin superfamily member 4C (IGSF4C), also known as CADM4 or NECL-4, is an immunoglobulin (Ig) superfamily molecule showing significant homology with a lung tumor suppressor, TSLC1. CADM4/IGSF4C/NECL-4 protein is mainly expressed in the kidney, bladder, and prostate in addition to the brain. Experiments have reported the biological significance of CADM4/IGSF4C/NECL-4 in the urinary tissues. An immunohistochemical study reveals that CADM4 is expressed at the cell-cell attachment sites in the renal tubules, the transitional epithelia of the bladder, and the glandular epithelia of the prostate. IGSF4-immunoreactivity (IR) was observed diffusely in the telencephalic wall, whereas it became rather confined to the subplate, the cortical plate and the subventricular zone as the development proceeded. IGSF4-IR gradually decreased after birth and disappeared in adulthood. IGSF4 remained at low levels throughout embryonic stage, whereas it increased after birth. These spatiotemporal patterns of the expression suggest that IGSF4 plays crucial roles in the development of both telencephalon and cerebellum. CADM4/IGSF4C/NECL-4 is ectopically expressed in adult T-cell leukemia (ATL) cells, providing not only a diagnostic marker for ATL, but also a possible therapeutic target against its invasion. The distinct roles of CADM4/IGSF4C/NECL-4 in the oncogenesis of carcinomas and ATL could be due to tissue-specific differences in the downstream cascades, and is a novel concept with respect to cell adhesion in human oncogenesis.

配方: PBS

分子量: 34.5 kDa

序列: Met 1-Ala 324

纯度: > 95% by HPLC

浓度:

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.