

Title (en)
PANCAM NUCLEIC ACIDS AND POLYPEPTIDES

Title (de)
PANCAM-NUKLEINSÄUREN UND -POLYPEPTIDE

Title (fr)
ACIDES NUCLEIQUES ET POLYPEPTIDES PANCAM

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Abstract (en)
[origin: WO03000021A2] An isolated polynucleotide encoding a novel immunoglobulin superfamily member named PanCAM (also named GP354) is provided. PanCAM has a predicted single membrane spanning domain and five immunoglobulin (Ig) domains in the extracellular portion of the protein. The protein structure and tissue distribution of PanCAM indicate that it plays a role in cell-cell recognition, binding, signaling and adhesion events in the pancreas (especially the beta islets), the pituitary gland, and the central nervous system (CNS). Provided by the invention are isolated PanCAM related polynucleotides and polypeptides, vectors, and host cells comprising any of the above, antibodies directed to PanCAM, cells which produce such antibodies, and related diagnostic and therapeutic methods.

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