

Title (en)  
PANCREATIC EUKARYOTIC TRANSLATION INITIATION FACTOR-2ALPHA KINASE

Title (de)  
PANKREATISCHE EUKARYOTISCHE TRANSLATIONS-INITIIERUNGSFAKTOR-2-ALPHA-KINASE

Title (fr)  
KINASE PANCREATIQUE EUCARYOTE PHOSPHORYLANT LE FACTEUR 2ALPHA D'INITIATION DE TRADUCTION EUCARYOTE ET PANCREATIQUE

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Application  
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Abstract (en)  
[origin: WO9938994A1] The invention includes pancreatic eukaryotic translation initiation factor-2 alpha kinase (PEK) and DNA sequences which encode them. Northern blot analysis shows that the gene is expressed in a wide variety tissues, with highest expression in pancreas. Human and rat PEK were expressed in Sf-9 insect cells and were shown to phosphorylate eukaryotic translation initiation factor-2 alpha . Recombinant vectors and host cells containing PEK genes are disclosed, as are methods for recombinant production, anti-PEK antibodies and assay methods.

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