

Title (en)  
ISOLATED DNA ENCODING CULLIN REGULATORS ROC1 AND ROC2, ISOLATED PROTEINS ENCODED BY THE SAME, AND METHODS UTILIZING THE SAME

Title (de)  
CULLIN REGULATOREN ROC1 UND ROC2, DAFÜR KODIERENDE DNA, UND METHODEN ZUR IHRER VERWENDUG

Title (fr)  
ADN ISOLE CODANT POUR DES REGULATEURS CULLIN ROC1 ET ROC2, PROTEINES ISOLEES CODEES PAR LEDIT ADN. PROCEDES D'UTILISATION ASSOCIES

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Application  
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Abstract (en)  
[origin: WO0058472A2] The present invention provides isolated polynucleotide sequences encoding the proteins ROC1 and ROC2 and host cells comprising the same. Methods of producing the ROC1 and ROC2 proteins are also disclosed, and methods of detecting the polynucleotides in samples are included in this invention, as are antibodies to the ROC1 and ROC2 proteins and antisense molecules complementary to polynucleotides encoding the same. The present invention further includes methods for screening bioactive agents that are capable of binding to an ROC protein, methods of screening bioactive agents capable of interfering with the binding of ROC proteins, and methods of screening bioactive agents capable of modulating the activity of an ROC protein. Pharmaceutical formulations comprising such pharmacologically active compounds and methods of administering the same are an additional aspect of this invention.

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