

Title (en)
NEK-RELATED AND BUB1-RELATED PROTEIN KINASES

Title (de)
NEK-VERWANDTE UND BUB1-VERWANDTE PROTEINKINASEN

Title (fr)
KINASES EN RAPPORT AVEC NEK ET AVEC BUB1

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Abstract (en)
[origin: WO9966051A2] The present invention relates to BUB1 and NEK kinase polypeptides, nucleotide sequences encoding the kinase polypeptides, as well as various products and methods useful for the diagnosis and treatment of various kinase-related diseases and conditions. Through the use of a targeted PCR cloning strategy, the human BUB1 serine/threonine kinase was identified and its protein structure was predicted. Additionally, through the use of a bioinformatics strategy, three mammalian members of the NEK-subfamily of STK's have been identified and their protein structure predicted.

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