

Title (en)

GENE ENCODING MOLECULAR MOTOR PROTEIN AND DIAGNOSIS METHOD FOR THE DISEASE RELATED TO THE GENE

Title (de)

FÜR EIN MOTORPROTEIN CODIERENDES GEN, SOWIE EINE DIAGNOSEMETHODE FÜR EINE ERKRANKUNG DIE IM ZUSAMMENHANG MIT DEM GEN STEHT

Title (fr)

GENE CODANT UNE NOUVELLE PROTEINE DE TYPE MOTEUR MOLECULAIRE ET PROCEDE DIAGNOSTIQUE POUR UNE MALADIE LIEE A CE GENE

Publication

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Application

**EP 02728192 A 20020529**

Priority

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Abstract (en)

[origin: WO02097079A2] The present invention provides KIF1Bb protein, a novel polypeptide having motor activity that transports synaptic vesicle precursor. The present invention also provides a polynucleotide encoding the polypeptide, a method for preparing the polypeptide, and use thereof, such as diagnosis method for kif1Bb gene-associated disease. The polypeptide of the present invention, a gene encoding the polypeptide, and a compound that ameliorates the symptom of the kif1Bb gene-associated disease are useful for developing a therapeutic or preventive agent for kif1Bb gene-associated disease, for example, Charcot-Marie-Tooth disease type 2A.

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