

Title (en)

A LOW DENSITY LIPOPROTEIN-RELATED PROTEIN 1 SPLICE VARIANT AS CANCER MARKER

Title (de)

LRP1-SPLEISSVARIANTE ALS KREBSMARKER

Title (fr)

VARIANT D'ÉPISSAGE DE LA PROTÉINE APPARENTÉE À LA LIPOPROTÉINE DE FAIBLE DENSITÉ 1 EN TANT QUE MARQUEUR DU CANCER

Publication

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Application

EP 10766044 A 20101014

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- EP 10766044 A 20101014

Abstract (en)

[origin: WO2011054644A1] The present invention relates to a nucleic acid molecule comprising an alternative exon of low density lipoprotein-related protein 1 (LRP1), a protein encoded by said nucleic acid molecule and fragments of said nucleic acid and said protein. The present invention also relates to vectors, host cells, recombinant methods for producing said protein, antibodies, antibody-producing cells, affinity ligands and antagonists of said nucleic acid and protein and the use of the LRP1 splice variant as a cancer marker. The invention further relates to corresponding diagnostic and pharmaceutical compositions, kits, medical uses and methods, as well as vaccines and methods of inducing immune responses.

IPC 8 full level

C07K 14/435 (2006.01); **C07K 14/47** (2006.01)

CPC (source: EP)

C07K 14/705 (2013.01); **C07K 16/28** (2013.01); **C07K 16/30** (2013.01); **G01N 33/57484** (2013.01); **G01N 33/92** (2013.01); **C07K 2317/34** (2013.01); **C07K 2319/00** (2013.01); **G01N 2500/04** (2013.01)

Citation (search report)

See references of WO 2011054644A1

Citation (examination)

- DATABASE EMBL [online] 27 March 2002 (2002-03-27), "UI-H-ED0-awx-i-02-0-UI.s1 NCI_CGAP_ED0 Homo sapiens cDNA clone IMAGE:5824969 3', mRNA sequence.", retrieved from EBI accession no. EM_EST:BM996932 Database accession no. BM996932
- DATABASE EMBL [online] 21 May 2003 (2003-05-21), "Homo sapiens low density lipoprotein-related protein 1 (alpha-2-macroglobulin receptor), mRNA (cDNA clone IMAGE:6575284), complete cds.", retrieved from EBI accession no. EM_HUM:BC052593 Database accession no. BC052593
- DATABASE EMBL [online] 3 June 2004 (2004-06-03), "Homo sapiens low density lipoprotein-related protein 1 (alpha-2-macroglobulin receptor), mRNA (cDNA clone IMAGE:6384902), complete cds.", retrieved from EBI accession no. EM_HUM:BC072015 Database accession no. BC072015
- DATABASE EMBL [online] 13 February 2010 (2010-02-13), "Transcriptome Microarray Technology and Methods of Using the Same.", retrieved from EBI accession no. EM_PAT:FU311672 Database accession no. FU311672
- DATABASE EMBL [online] 1 February 2003 (2003-02-01), "Homo sapiens low density lipoprotein-related protein 1 (alpha-2-macroglobulin receptor), mRNA (cDNA clone IMAGE:4859182), complete cds.", retrieved from EBI accession no. EM_HUM:BC045107 Database accession no. BC045107
- DATABASE GENESEQ [online] 24 January 2008 (2008-01-24), "Human tissue-derived serum glycoprotein SEQ ID NO:8721.", retrieved from EBI accession no. GSP:AJL93066 Database accession no. AJL93066

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