

Title (en)  
HUMAN CHOLINE ACETYLTRANSFERASE

Title (de)  
MENSCHLICHE CHOLIN ACETYLTRANSFERASE

Title (fr)  
CHOLINE-ACETYLASE HUMAINE

Publication  
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Application  
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Priority  
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Abstract (en)  
[origin: WO9615806A1] Human choline acetyltransferase polypeptide and DNA (RNA) encoding such polypeptide and a procedure for producing such polypeptide by recombinant techniques is disclosed. Also disclosed are methods for utilizing such polypeptide for the treatment of cognitive and neurological deficiencies or mental disturbances such as degenerative nervous system disorders, for example, Alzheimer's Disease, ALS and other cholinergic defects, and antagonists for treating Parkinson's Disease and other disorders relating to an over-expression of acetylcholine. Also disclosed are diagnostic methods for detecting a mutation in the human Choline Acetyltransferase nucleic acid sequence.

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Citation (search report)  
• [X] HERSH, LOUIS B. ET AL: "Isolation of a genomic clone of human choline acetyltransferase.", KLINISCHE PHARMAKOLOGIE, vol. 2, 1989, pages 15 - 19, XP002114973  
• [X] STRAUSS W ET AL: "Cloning of a human choline acetyltransferase complementary DNA.", SOCIETY FOR NEUROSCIENCE ABSTRACTS; 15TH ANNUAL MEETING OF THE SOCIETY FOR NEUROSCIENCE, DALLAS, TEX., USA, OCT. 20-25, 1985, vol. 11, no. 2, 1985, pages 1114, XP002114974  
• [XD] MCGEER P L ET AL.: "Choline acetyltransferase: purification and immunohistochemical localization", LIFE SCIENCES, vol. 34, 1984, pages 2319 - 2338, XP002116174  
• See references of WO 9615806A1

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