

Title (en)

NOVEL PROTEIN WITH STRUCTURAL HOMOLOGY TO PROTEINS WITH IL-8-LIKE CHEMOKINE FOLD AND USES THEREOF

Title (de)

NEUES PROTEIN MIT STRUKTURELLER HOMOLOGIE ZU PROTEINEN MIT IL-8-LIKE-CHEMOKIN-FALTUNG UND SEINE VERWENDUNG

Title (fr)

NOUVELLE PROTÉINE AVEC UNE HOMOLOGIE STRUCTURELLE PAR RAPPORT AUX PROTÉINES COMPORTANT UNE PLIURE DE TYPE CHIMIOKINIQUE IL-8, ET UTILISATIONS DE CELLE-CI

Publication

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Application

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- EP 2011052984 W 20110301

Abstract (en)

[origin: WO2011107456A1] The present invention relates to a protein having structural homology to proteins with IL-8-like chemokine fold and uses thereof. The invention has various industrial applications in medical, pharmaceutical and biotechnological applications, such as pharmaceuticals, diagnostics, biosensors and bioreactors. The object of the invention is to provide and use novel secreted proteins with a structural homology to proteins with an IL-8-like chemokine fold which are involved in immune-mediated and inflammatory diseases or neoplastic malignancies. The invention relates to an isolated protein having at least 80% amino acid sequence identity to an amino acid sequence of the protein shown in SEQ ID No.1. The protein according to the invention has structural similarity to proteins of the IL-8-like chemokine fold. The invention also relates to an isolated protein having at least 80% amino acid sequence identity to an amino acid sequence of the protein shown in SEQ ID No. 9. The invention further relates to an isolated protein having at least 80% amino acid sequence identity to an amino acid sequence of the protein shown in SEQ ID No.16, with cysteine residues at positions 20 and 47 and with at least one disulfide bridge formed between two cysteine residues.

IPC 8 full level

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