

Title (en)
TRANS-SIALIDASE AND METHODS OF USE AND MAKING THEREOF.

Title (de)
TRANS-SIALIDASE UND METHODEN DER VERWENDUNG UND HERSTELLUNG.

Title (fr)
TRANS-SIALIDASE ET SES PROCEDES D'UTILISATION ET DE FABRICATION.

Publication
EP 0586687 A1 19940316 (EN)

Application
EP 93908615 A 19930325

Priority
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Abstract (en)
[origin: WO9318787A1] Polypeptides are provided having trans-sialidase enzymatic activity in substantially pure form, nucleic acids coding therefor, antibodies specific for such polypeptides, processes for producing the enzyme and methods of use of the enzyme, in particular for the synthesis of sialyl alpha (2->3)-linked saccharides, glycoproteins and glycolipids. Such enzymes are isolatable as nucleic acid or amino acid sequences from parasites of the genus Trypanosoma.

Abstract (fr)
L'invention concerne des polypeptides ayant l'activité enzymatique d'une trans-sialidase sous leur forme pratiquement pure, les acides nucléiques les codant, les anticorps spécifiques de ces polypeptides, ainsi que les procédés de production et d'utilisation de ladite enzyme, en particulier pour la synthèse de saccharides à liaison sialyle alpha(2->3), de glycoprotéines et de glycolipides. Ces enzymes peuvent être isolées en tant que séquences d'acides nucléiques ou séquences d'acides aminés à partir de parasites du genre Tripanosoma.

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