

Title (en)  
TUMOR NECROSIS FACTOR ALPHA CONVERTASE

Title (de)  
TUMOR NEKROSEFACTOR-ALPHA-KONVERTASE

Title (fr)  
CONVERTASE DU FACTEUR ALPHA DE NECROSE TUMORALE

Publication  
**EP 0900272 A2 19990310 (EN)**

Application  
**EP 97915426 A 19970325**

Priority  
• EP 9701497 W 19970325  
• US 62066396 A 19960326

Abstract (en)  
[origin: WO9735538A2] The present invention relates to tumor necrosis factor alpha (TNF alpha ), and more specifically to the enzyme TNF alpha -convertase (TNF alpha -con) that can proteolytically convert TNF alpha precursor to mature TNF alpha . The present invention provides DNA sequences encoding mammalian TNF alpha -con and functional equivalents thereof, recombinant expression vectors comprising said DNA sequences, host cell lines comprising said expression vectors, inhibitors of TNF alpha -con, inhibitors modified for use as ligands for affinity purification of TNF alpha -con, and methods for treating diseases or conditions resulting from abnormal levels of TNF alpha in a mammalian subject.

IPC 1-7  
**C12N 9/64**

IPC 8 full level  
**A61K 31/00** (2006.01); **A61K 45/00** (2006.01); **A61P 1/00** (2006.01); **A61P 3/00** (2006.01); **A61P 3/10** (2006.01); **A61P 9/00** (2006.01); **A61P 9/10** (2006.01); **A61P 15/00** (2006.01); **A61P 17/00** (2006.01); **A61P 17/06** (2006.01); **A61P 19/00** (2006.01); **A61P 19/10** (2006.01); **A61P 25/00** (2006.01); **A61P 29/00** (2006.01); **A61P 31/00** (2006.01); **A61P 31/02** (2006.01); **A61P 31/18** (2006.01); **A61P 33/00** (2006.01); **A61P 33/06** (2006.01); **A61P 37/00** (2006.01); **A61P 37/06** (2006.01); **A61P 37/08** (2006.01); **A61P 43/00** (2006.01); **C07C 323/60** (2006.01); **C07D 513/04** (2006.01); **C07K 19/00** (2006.01); **C12N 1/15** (2006.01); **C12N 1/19** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01); **C12N 9/64** (2006.01); **C12N 15/09** (2006.01); **C12Q 1/37** (2006.01)

CPC (source: EP)  
**A61P 1/00** (2017.12); **A61P 3/00** (2017.12); **A61P 3/10** (2017.12); **A61P 9/00** (2017.12); **A61P 9/10** (2017.12); **A61P 15/00** (2017.12); **A61P 17/00** (2017.12); **A61P 17/06** (2017.12); **A61P 19/00** (2017.12); **A61P 19/10** (2017.12); **A61P 25/00** (2017.12); **A61P 29/00** (2017.12); **A61P 31/00** (2017.12); **A61P 31/02** (2017.12); **A61P 31/18** (2017.12); **A61P 33/00** (2017.12); **A61P 33/06** (2017.12); **A61P 37/00** (2017.12); **A61P 37/06** (2017.12); **A61P 37/08** (2017.12); **A61P 43/00** (2017.12); **C07C 323/60** (2013.01); **C07D 513/04** (2013.01); **C12N 9/6489** (2013.01); **C07K 2319/00** (2013.01)

Citation (search report)  
See references of WO 9735538A2

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 9735538 A2 19971002**; **WO 9735538 A3 19971120**; AU 2291397 A 19971017; CA 2249985 A1 19971002; EP 0900272 A2 19990310; JP 2000507943 A 20000627

DOCDB simple family (application)  
**EP 9701497 W 19970325**; AU 2291397 A 19970325; CA 2249985 A 19970325; EP 97915426 A 19970325; JP 53403397 A 19970325