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- (71) Applicant: AMGEN INC. [US/US]; One Amgen Center Drive, Thousand Oaks, CA 91320-1799 (US).
- (74) Agents: ODRE, Steven, M. et al.; Amgen Inc., One Amgen Center Drive, M/S 27-4-A, Thousand Oaks, CA 91320-1799 (US).
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- (72) Inventors: BOONE, Thomas, Charles; 3010 Deer Valley Avenue, Newbury Park, CA 91320 (US). LI, Huimin; 587F N. Ventu Park Road, No. 545, Newbury Park, CA 91320 (US). MANN, Michael, Benjamin; 1506 Rugby Circle, Thousand Oaks, CA 91360 (US).

(54) Title: FIBRINOLYTICALLY ACTIVE POLYPEPTIDE

MRFPSIFTAV LFAASSALAA PVNTTTEDET AOIPAEAVIG
YSDLEGDFDV AVLPFSNSTN NGLLFINTTI ASIAAKEEGV
SLEKREAEAS SIILESGNVN DYEVVYPRKV TPVPRGAVOP
KYEDAMOYEF KVNSEPVLH LEKNKGLFSE DYSETHYSPD
GREITTYPLG EDHCYYEGRI ENDADSTASI SACNGLKGHE
KLOGEMYLIE PLELSDSEAH AVYKYENVEK EDEAPKMGCV
TONWESYEPI KKAFOLNLTK RSFPQRYVQL VIVADHRMNT
KYNGDS DKIR QVWHQIVNTI NEIYRPLNIQ FTLVGLEIWS
NQDLITVTSV SHDTLASFGN WRETDLLRRQ RHDNAQLLTA
IDFDGDTVGL AYVGGMCQLK HSTGVIQDHS AINLLVALTM
AHELGHNLGM NHDGNQCHCG ANSCVMAAML SDQPSKLFSD
CSKKDYQTFL TVNNPQCILN KP

(57) Abstract: A fibrinolytically active metalloproteinase polypeptide (called "novel acting thrombolytic") which is useful for blood clot lysis *in vivo* and methods and materials for its production by recombinant expression are described.

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