

# SEQUENCE LISTING

<110> Iaccarino, Guido  
Trimarco, Bruno  
Sorriento, Daniela

<120> A fusion protein having antitumor activity

<130> PC940EC

<160> 7

<170> PatentIn version 3.3

<210> 1

<211> 11

<212> PRT

<213> Human adenovirus type 1

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Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg  
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<210> 2

<211> 121

<212> PRT

<213> Bos taurus

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Arg Asp Tyr Cys Ser Leu Cys Asp Lys Gln Pro Val Gly Arg Leu Leu  
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Phe Arg Gln Phe Cys Glu Thr Arg Pro Gly Leu Glu Ser Tyr Ile Gln  
20 25 30

Phe Leu Asp Ser Val Ala Glu Tyr Glu Val Thr Pro Asp Glu Lys Leu  
35 40 45

Gly Glu Lys Gly Lys Glu Ile Met Thr Lys Tyr Leu Thr Pro Lys Ser  
50 55 60

Pro Val Phe Ile Thr Gln Val Gly Arg Asp Leu Val Ser Gln Thr Glu  
65 70 75 80

Glu Lys Leu Leu Gln Lys Pro Cys Lys Glu Leu Phe Ser Ala Cys Val  
85 90 95

Gln Ser Val His Asp Tyr Leu Arg Gly Glu Pro Phe His Glu Tyr Leu  
100 105 110

Asp Ser Met Tyr Phe Asp Arg Phe Leu  
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<213> Artificial

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<223> TAT-RH fusione protein

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20 25 30

Arg Trp Gly Ser Lys Leu Gly Tyr Gly Arg Lys Lys Arg Arg Gln Arg  
35 40 45

Arg Arg Gly Gly Ser Thr Met Ser Gly Tyr Pro Tyr Asp Val Pro Asp  
50 55 60

Tyr Ala Gly Ser Met Ala Arg Asp Tyr Cys Ser Leu Cys Asp Lys Gln  
65 70 75 80

Pro Val Gly Arg Leu Leu Phe Arg Gln Phe Cys Glu Thr Arg Pro Gly  
85 90 95

Leu Glu Ser Tyr Ile Gln Phe Leu Asp Ser Val Ala Glu Tyr Glu Val  
100 105 110

Thr Pro Asp Glu Lys Leu Gly Glu Lys Gly Lys Glu Ile Met Thr Lys  
115 120 125

Tyr Leu Thr Pro Lys Ser Pro Val Phe Ile Thr Gln Val Gly Arg Asp  
130 135 140

Leu Val Ser Gln Thr Glu Glu Lys Leu Leu Gln Lys Pro Cys Lys Glu  
145 150 155 160

Leu Phe Ser Ala Cys Val Gln Ser Val His Asp Tyr Leu Arg Gly Glu  
165 170 175

Pro Phe His Glu Tyr Leu Asp Ser Met Tyr Phe Asp Arg Phe Leu  
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ggccgcaaga aacgccgcca gcgccgccgc ggtggatcca ccatgtccgg ctatccatat	180
gacgtgccag actatgctgg ctccatggcc cgagattact gcagtttatg tgacaaacag	240
ccagtcggga ggctgctttt ccggcagttc tgcgaaacca gacctgggct ggagtcctac	300
attcagttcc tggactcggg ggcagaatat gaagttactc cagatgaaaa actgggagaa	360

aaaggggaagg aaattatgac caagtacctc accccaaagt cccagtttt catcacccaa 420  
gttgacggg acctggtctc ccagacggag gagaagctcc ttcagaaacc ctgcaaagaa 480  
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<212> PRT  
<213> Bos taurus

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Cys Glu Thr Arg Pro Gly Leu Glu Ser Tyr Ile Gln Phe Leu Asp Ser  
1 5 10 15

Val Ala Glu Tyr Glu Val Thr Pro Asp Glu Lys Leu Gly Glu Lys Gly  
20 25 30

Lys Glu Ile Met Thr Lys Tyr Leu Thr Pro Lys Ser Pro Val Phe Ile  
35 40 45

Thr Gln Val Gly Arg Asp Leu Val Ser Gln Thr Glu Glu Lys Leu Leu  
50 55 60

Gln Lys Pro Cys Lys Glu  
65 70