

# SEQUENCE LISTING

<110> INDUSTRIE BIOMEDICHE INSUBRI SA

<120> "IMPROVED BONE IMPLANT MATRIX COMPRISING PROLINE-RICH PEPTIDE AND METHOD OF PREPARING THE SAME"

<130> P65760EP00

<160> 9

<170> PatentIn version 3.5

<210> 1

<211> 92

<212> PRT

<213> artificial sequence

<220>

<223> proline rich peptide

<220>

<221> seqidno1

<222> (1)..(92)

<223> I (Ile) can be an aa independently selected form the group consisting of:  
Ala,

Ile, Leu, Met, Phe, Trp and Val, preferably Ile, Leu, Val and  
Met; S (Ser) can be an aa independently selected from the group  
consisting of:

Asn, Cys, Gln, Ser, Thr and Tyr, preferably Ser and Gln

<400> 1

Pro Ile Ile Pro Ser Ser Ser Pro Ile Ile Pro Ser Ser Pro Ile Ile  
1 5 10 15

Pro Ile Pro Ser Ser Ser Ser Ser Ser Pro Ser Ser Ser Ser Ser Ser  
20 25 30

Pro Ile Ile Pro Ile Pro Ser Ser Ser Pro Ser Ser Pro Ser Pro Ile  
35 40 45

Ile Pro Ser Pro Ser Ser Pro Ile Ile Pro Ser Ser Pro Ile Ile Pro  
50 55 60

Ser Ser Pro Ile Ile Pro Ser Pro Pro Ile Pro Pro Ile Ile Ile Ile  
65 70 75 80

Ile Ile Ile Ile Pro Ile Ile Pro Ile Ile Ile Ile  
85 90

<210> 2  
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<220>  
<221> PEPTIDE  
<222> (1)..(25)  
<223> I (Ile) can be an aa independently selected from the group consisting of:  
Ala,  
Ile, Leu, Met, Phe, Trp and Val; S (Ser) can be an aa independently  
selected  
from the group consisting of: Asn, Cys, Gln, Ser, Thr and Tyr

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Pro Ile Ile Pro Ser Ser Pro Ile Ile Pro Ser Ser Pro Ile Ile Pro  
1 5 10 15

Ser Ser Pro Ser Pro Pro Ile Pro Pro  
20 25

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Pro Leu Val Pro Ser Tyr Pro Leu Val Pro Ser Tyr Pro Leu Val Pro  
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Ser Tyr Pro Tyr Pro Pro Leu Pro Pro  
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Ser Gln Pro Gln Pro Pro Leu Pro Pro  
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Pro Leu Val Pro Cys Cys Pro Leu Val Pro Cys Cys Pro Leu Val Pro  
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Cys Cys Pro Cys Pro Pro Leu Pro Pro  
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Pro Met Met Pro Ser Tyr Pro Met Met Pro Ser Tyr Pro Met Met Pro  
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Ser Tyr Pro Tyr Pro Pro Met Pro Pro  
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Pro Leu Val Pro Ser Ser Pro Leu Val Pro Ser Ser Pro Leu Val Pro  
1 5 10 15

Ser Ser Pro Ser Pro Pro Leu Pro Pro  
20 25

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Pro Leu Val Pro Ser Ser Pro Leu Val Pro Cys Cys Pro Leu Val Pro  
1 5 10 15

Cys Cys Pro Ser Pro Pro Leu Pro Pro  
20 25

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<400> 9

Pro His Gln Pro Met Gln Pro Gln Pro Pro Val His Pro Met Gln Pro  
1 5 10 15

Leu Pro Pro Gln Pro Pro Leu Pro Pro  
20 25