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SEQUENCE LISTING

<110> Roche Diagnostics GmbH  
Ultizyme International Ltd.  
F. Hoffmann-La Roche AG

<120> NOVEL FRUCTOSYL PEPTIDYL OXIDASE

<130> 26173 WO

<160> 1

<170> PatentIn version 3.5

<210> 1

<211> 437

<212> PRT

<213> Phaeosphaeria nodorum

<400> 1

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Gly Thr Ile Gly Ser Ser Thr Ala Leu His Leu Val Arg Ser Gly Tyr  
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Thr Pro Ser Asn Val Thr Val Leu Asp Ala Tyr Pro Ile Pro Ser Ser  
35 40 45

Gln Ser Ala Gly Asn Asp Leu Asn Lys Ile Met Gly Val Ser Leu Arg  
50 55 60

Asn Pro Val Asp Leu Gln Leu Ala Leu Glu Ala Arg Gln Met Trp Asn  
65 70 75 80

Glu Asp Glu Leu Phe Lys Lys Phe Phe His Asn Thr Gly Arg Leu Asp  
85 90 95

Cys Ala His Gly Glu Lys Asp Ile Ala Asp Leu Lys Ser Gly Tyr Gln  
100 105 110

Ala Leu Val Asp Ala Gly Leu Asp Ala Thr Asn Glu Trp Leu Asp Ser  
115 120 125

Glu Asp Glu Ile Leu Lys Arg Met Pro Leu Leu Ser Arg Asp Gln Ile  
130 135 140

Lys Gly Trp Lys Ala Ile Phe Ser Lys Asp Gly Gly Trp Leu Ala Ala  
145 150 155 160

Ala Lys Ala Ile Asn Ala Val Gly Glu Tyr Leu Arg Asp Gln Gly Val  
165 170 175

Arg Phe Gly Phe Tyr Gly Ala Gly Ser<sup>2</sup> Phe Lys Ala Pro Leu Leu Ala  
 180 185 190  
 Glu Gly Val Cys Ile Gly Val Glu Thr Val Asp Gly Thr Arg Tyr Tyr  
 195 200 205  
 Ala Asp Lys Val Val Leu Ala Ala Gly Ala Trp Ser Pro Thr Leu Val  
 210 215 220  
 Glu Leu His Glu Gln Cys Val Ser Lys Ala Trp Val Tyr Gly His Ile  
 225 230 235 240  
 Gln Leu Thr Pro Glu Glu Ala Ala Arg Tyr Lys Asn Ser Pro Val Val  
 245 250 255  
 Tyr Asn Gly Asp Val Gly Phe Phe Phe Glu Pro Asn Glu His Gly Val  
 260 265 270  
 Ile Lys Val Cys Asp Glu Phe Pro Gly Phe Thr Arg Phe Lys Met His  
 275 280 285  
 Gln Pro Phe Gly Ala Lys Ala Pro Lys Arg Ile Ser Val Pro Arg Ser  
 290 295 300  
 His Ala Lys His Pro Thr Asp Thr Ile Pro Asp Ala Ser Asp Val Ser  
 305 310 315 320  
 Ile Arg Arg Ala Ile Ala Thr Phe Met Pro Gln Phe Lys Asn Lys Lys  
 325 330 335  
 Met Phe Asn Gln Ala Met Cys Trp Cys Thr Asp Thr Ala Asp Ala Ala  
 340 345 350  
 Leu Leu Ile Cys Glu His Pro Glu Trp Lys Asn Phe Val Leu Ala Thr  
 355 360 365  
 Gly Asp Ser Gly His Ser Phe Lys Leu Leu Pro Asn Ile Gly Lys His  
 370 375 380  
 Val Val Glu Leu Leu Glu Gly Thr Leu Ala Asp Asp Leu Ala His Ala  
 385 390 395 400  
 Trp Arg Trp Arg Pro Gly Ser Gly Asp Ala Leu Lys Ser Arg Arg Ser  
 405 410 415  
 Ala Pro Ala Lys Asp Leu Ala Asp Met Pro Gly Trp Asn His Asp Lys  
 420 425 430  
 Pro Arg Ala Asn Leu

