

Untitled_ST25
SEQUENCE LISTING

<110> NATIONAL UNIVERSITY OF IRELAND, GALWAY
<120> ENDO TV, A NOVEL HIGH-MANNOSE-SPECIFIC
ENDO-BETA-N-ACETYLGLUCOSAMINIDASE FROM TRICHODERMA VIRIDE
<130> PR667EP
<140> 11151912.0
<141> 2011-01-25
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<170> PatentIn version 3.5
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<212> PRT
<213> Trichoderma virde

<400> 1

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Val Ala Lys

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<212> PRT
<213> Trichoderma reesei

<400> 4

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Ala Val Pro Val Lys Glu Leu Gln Leu Arg Ala Glu Pro Thr Asp Leu
20 25 30

Pro Arg Leu Ile Val Tyr Phe Gln Thr Thr His Asp Ser Ser Asn Arg
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40

45

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

His Leu Ile Val Cys Ser Phe His Ile Asn Gln Gly Gly Val Val His
65 70 75 80

Leu Asn Asp Phe Pro Pro Asp Asp Pro His Phe Tyr Thr Leu Trp Asn
85 90 95

Glu Thr Ile Thr Met Lys Gln Ala Gly Val Lys Val Met Gly Met Val
100 105 110

Gly Gly Ala Ala Pro Gly Ser Phe Asn Thr Gln Thr Leu Asp Ser Pro
115 120 125

Asp Ser Ala Thr Phe Glu His Tyr Tyr Gly Gln Leu Arg Asp Ala Ile
130 135 140

Val Asn Phe Gln Leu Glu Gly Met Asp Leu Asp Val Glu Gln Pro Met
145 150 155 160

Ser Gln Gln Gly Ile Asp Arg Leu Ile Ala Arg Leu Arg Ala Asp Phe
165 170 175

Gly Pro Asp Phe Leu Ile Thr Leu Ala Pro Val Ala Ser Ala Leu Glu
180 185 190

Asp Ser Ser Asn Leu Ser Gly Phe Ser Tyr Thr Ala Leu Gln Gln Thr
195 200 205

Gln Gly Asn Asp Ile Asp Trp Tyr Asn Thr Gln Phe Tyr Ser Gly Phe
210 215 220

Gly Ser Met Ala Asp Thr Ser Tyr Asp Asp Arg Ile Val Ala Asn Gly
225 230 235 240

Phe Ala Pro Ala Lys Val Val Ala Gly Gln Leu Thr Thr Pro Glu Gly
245 250 255

Ala Gly Trp Ile Pro Thr Ser Ser Leu Asn Asn Thr Ile Val Ser Leu
260 265 270

Val Ser Glu Tyr Gly Gln Ile Gly Gly Val Met Gly Trp Glu Tyr Phe
275 280 285

Asn Ser Leu Pro Gly Gly Thr Ala Glu Pro Trp Glu Trp Ala Gln Ile
290 295 300

Val Thr Glu Ile Leu Arg Pro Gly Leu Val Pro Glu Leu Lys Ile Thr
305 310 315 320

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Glu Asp Asp Ala Ala Arg Leu Thr Gly Ala Tyr Glu Glu Ser Val Lys
325 330 335

Ala Ala Ala Ala Asp Asn Lys Ser Phe Val Lys Arg Pro Ser Ile Asn
340 345 350

Tyr Tyr Ala Met Val Asn Ala
355