

SEQUENCE LISTING

<110> DSM IP Assets B.V.

<120> CARBOHYDRATE MODIFYING POLYPEPTIDE AND USES THEREOF

<130> 27276-WO-PCT

<160> 10

<170> PatentIn version 3.5

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<211> 1515

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<213> *Penicillium chrysogenum*

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          20          25          30

gct gga aat ccc ttc tca gga tac cag ctg tac gcg aat tct tat tat      144
Ala Gly Asn Pro Phe Ser Gly Tyr Gln Leu Tyr Ala Asn Ser Tyr Tyr
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Ala Ser Glu Val Ser Ser Leu Ala Leu Pro Ser Met Thr Gly Ala Ala
          50          55          60

aaa gct gct gct agt gta gcc gct aag gtt ccg tcg ttt tac tgg ctg      240
Lys Ala Ala Ala Ser Val Ala Ala Lys Val Pro Ser Phe Tyr Trp Leu
65          70          75          80

gat acc gca gcc aag gtg cca acg atg ggc gag ttc ctg gcc gat atc      288
Asp Thr Ala Ala Lys Val Pro Thr Met Gly Glu Phe Leu Ala Asp Ile
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agg gct aag aac aag gcc ggt gct agc ccg ccg att gct ggc caa ttc      336
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Ile Leu Val Val Glu Pro Asp Ser Leu Ala Asn Leu Val Thr Asn Met	
165 170 175	
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Asn Tyr Ala Val Thr Gln Leu Asn Leu Asp Asn Val Ala Met Tyr Leu	
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gac gcc gga cat gcc gga tgg ctt ggc tgg ccc gct aac cta ggt cca	672
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Ala Ala Glu Leu Tyr Ala Asn Val Tyr Lys Thr Ala Asn Lys Pro Ala	
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Leu Ser Thr Cys Pro Ser Tyr Thr Ser Gly Asn Ser Asn Cys Asp Glu	
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Ser Gln Ser Ala Trp Gly Asp Trp Cys Asn Val Lys Gly Thr Gly Phe	
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Gly Val Arg Pro Thr Thr Glu Thr Gly Asp Ala Leu Ala Asp Ala Phe	
325 330 335	
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gcg gcc cgc tat gac gcc cac tgt gga tat agc gat gct ctt cag cct	1104

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 Ala Pro Glu Ala Gly Thr Trp Phe Gln Ala Tyr Phe Ala Gln Leu Val
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Ala Ser Glu Val Ser Ser Leu Ala Leu Pro Ser Met Thr Gly Ala Ala
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Lys Ala Ala Ala Ser Val Ala Ala Lys Val Pro Ser Phe Tyr Trp Leu
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Asp Thr Ala Ala Lys Val Pro Thr Met Gly Glu Phe Leu Ala Asp Ile
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Arg Ala Lys Asn Lys Ala Gly Ala Ser Pro Pro Ile Ala Gly Gln Phe
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Val Val Tyr Asp Leu Pro Asp Arg Asp Cys Ala Ala Leu Ala Ser Asn
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Ile Leu Val Val Glu Pro Asp Ser Leu Ala Asn Leu Val Thr Asn Met
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Asn Tyr Ala Val Thr Gln Leu Asn Leu Asp Asn Val Ala Met Tyr Leu
 195 200 205

Asp Ala Gly His Ala Gly Trp Leu Gly Trp Pro Ala Asn Leu Gly Pro
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Ala Ala Glu Leu Tyr Ala Asn Val Tyr Lys Thr Ala Asn Lys Pro Ala
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Ser Met Arg Gly Leu Ala Thr Asn Val Ala Asn Tyr Asn Gly Trp Ser
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Leu Ser Thr Cys Pro Ser Tyr Thr Ser Gly Asn Ser Asn Cys Asp Glu
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Lys Lys Tyr Ile Asn Ala Leu Gly Pro Leu Leu Lys Thr Ala Gly Trp
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Val Trp Val Lys Pro Gly Gly Glu Ser Asp Gly Thr Ser Asp Ser Ser
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