

SEQUENCE LISTING

<110> UNIVERSITY OF THE FREE STATE

<120> ISOLATIUM OF A PROTEIN RESPONSIBLE FOR
URANIUM (VI) REDUCTION

<130> P40169PC00

<150> ZA2009/06569

<151> 2009-09-21

<160> 2

<170> PatentIn version 3.3

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<211> 626

<212> PRT

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Gln Ser Ile Lys Leu Glu Ile Glu Gln Tyr Leu Phe Ala Pro Leu Ile
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Gly Phe Asn Ala Asn Ser Glu Asn Phe Pro Val Leu Val Thr Glu Val
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Pro Thr Arg Gln Asn Gly Arg Leu Arg Val Thr Asp Ile Gly Gly Gly
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Lys Lys Arg Leu Glu Met Asp Leu Thr Ile Arg Pro Asp Ala Arg Trp
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Ser Asp Gly Lys Pro Ile Thr Thr Glu Asp Val Ala Phe Tyr Tyr Glu
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Val Gly Lys Ala Lys Gly Met Pro Val Leu Asn Pro Asp Tyr Trp Glu
130 135 140

Arg Val Asn Leu Arg Val Arg Asp Ala Arg Asn Phe Thr Val Ile Phe
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Glu Pro Ala Tyr Tyr Tyr Asp Thr Tyr Gly Gly Thr Tyr Gly Ser Pro

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