

Deposit No: Z corresponding to SEQ ID NO:Y as referenced in Table 1A, wherein said fragment has biological activity;

- (e) a polypeptide domain of SEQ ID NO:Y as referenced in Table 1B;
- (f) a polypeptide domain of SEQ ID NO:Y as referenced in Table 2; and
- (g) a predicted epitope of SEQ ID NO:Y as referenced in Table 1B.

17. The polypeptide of claim 16, wherein said polypeptide comprises a heterologous polypeptide sequence.

18. Use of the polypeptide of claim 16 for identifying a binding partner comprising:

- (a) contacting the polypeptide of claim 16 with a binding partner; and
- (b) determining whether the binding partner increases or decreases activity of the polypeptide.

19. An antibody or fragment thereof that binds a polypeptide comprising an amino acid sequence at least 95% identical to a sequence selected from the group consisting of:

- (a) a full length polypeptide of SEQ ID NO:Y or a full length polypeptide encoded by the cDNA Clone ID in ATCC Deposit No: Z corresponding to SEQ ID NO:Y as referenced in Table 1A;
- (b) a predicted secreted form of SEQ ID NO:Y or a secreted form of the polypeptide encoded by the cDNA Clone ID in ATCC Deposit No: Z corresponding to SEQ ID NO:Y as referenced in Table 1A;
- (c) a polypeptide fragment of SEQ ID NO:Y or a polypeptide fragment encoded by the cDNA Clone ID in ATCC Deposit No: Z corresponding to SEQ ID NO:Y as referenced in Table 1A;
- (d) a polypeptide fragment of SEQ ID NO:Y or a polypeptide fragment encoded by the cDNA Clone ID in ATCC Deposit No: Z corresponding to SEQ ID NO:Y as referenced in Table 1A, wherein said fragment has biological activity;
- (e) a polypeptide domain of SEQ ID NO:Y as referenced in Table 1B;
- (f) a polypeptide domain of SEQ ID NO:Y as referenced in Table 2; and
- (g) a predicted epitope of SEQ ID NO:Y as referenced in Table 1B.

20. An antibody or fragment thereof that binds a polypeptide selected from the group consisting of:

- (a) a full length polypeptide of SEQ ID NO:Y or a full length polypeptide encoded by the cDNA Clone ID in ATCC Deposit No: Z corresponding to SEQ ID NO:Y as referenced in Table 1A;
- (b) a predicted secreted form of SEQ ID NO:Y or a secreted form of the polypeptide encoded by the cDNA Clone ID in ATCC Deposit No: Z corresponding to SEQ ID NO:Y as referenced in Table 1A;
- (c) a polypeptide fragment of SEQ ID NO:Y or a polypeptide fragment encoded by the cDNA Clone ID in ATCC Deposit No: Z corresponding to SEQ ID NO:Y as referenced in Table 1A;

(d) a polypeptide fragment of SEQ ID NO:Y or a polypeptide fragment encoded by the cDNA Clone ID in ATCC Deposit No: Z corresponding to SEQ ID NO:Y as referenced in Table 1A, wherein said fragment has biological activity;

- (e) a polypeptide domain of SEQ ID NO:Y as referenced in Table 1B;
- (f) a polypeptide domain of SEQ ID NO:Y as referenced in Table 2; and
- (g) a predicted epitope of SEQ ID NO:Y as referenced in Table 1B.

21. A nucleic acid molecule comprising a polynucleotide sequence at least 95% identical to a sequence selected from the group consisting of:

- (a) a polynucleotide fragment of SEQ ID NO:X as referenced in Table 1A;
- (b) a polynucleotide encoding a full length polypeptide of SEQ ID NO:Y or a full length polypeptide encoded by the cDNA Clone ID in ATCC Deposit No: Z corresponding to SEQ ID NO:Y as referenced in Table 1A;
- (c) a polynucleotide encoding a predicted secreted form of SEQ ID NO:Y or a secreted form of the polypeptide encoded by the cDNA Clone ID in ATCC Deposit No: Z corresponding to SEQ ID NO:Y as referenced in Table 1A;
- (d) a polynucleotide encoding a polypeptide fragment of SEQ ID NO:Y or a polypeptide fragment encoded by the cDNA Clone ID in ATCC Deposit No: Z corresponding to SEQ ID NO:Y as referenced in Table 1A;
- (e) a polynucleotide encoding a polypeptide fragment of SEQ ID NO:Y or a polypeptide fragment encoded by the cDNA Clone ID in ATCC Deposit No: Z corresponding to SEQ ID NO:Y as referenced in Table 1A, wherein said fragment has biological activity;
- (f) a polynucleotide encoding a polypeptide domain of SEQ ID NO:Y as referenced in Table 1B;
- (g) a polynucleotide encoding a polypeptide domain of SEQ ID NO:Y as referenced in Table 2; and
- (h) a polynucleotide encoding a predicted epitope of SEQ ID NO:Y as referenced in Table 1B.

22. The nucleic acid molecule of claim 21, wherein said nucleic acid molecule comprises a heterologous polynucleotide sequence.

23. A recombinant vector comprising the nucleic acid molecule of claim 21.

24. A recombinant vector comprising the nucleic acid molecule of claim 22.

25. A recombinant host cell comprising the recombinant vector of claim 23.

26. A recombinant host cell comprising the recombinant vector of claim 24.

27. A nucleic acid molecule comprising a polynucleotide sequence selected from the group consisting of:

- (a) a polynucleotide fragment of SEQ ID NO:X as referenced in Table 1A;
- (b) a polynucleotide encoding a full length polypeptide of SEQ ID NO:Y or a full length polypeptide encoded by