

1/3

MEDI8897 HEAVY CHAIN NUCLEOTIDE SEQUENCES AND TRANSLATION

1 Q V Q L V Q S G A E V K K P G S S V M V
 CAA GTG CAG CTG GTG CAG TCT GGC GCC GAA GTG AAG AAA CCC GGC TCC TCC GTG ATG GTG
 61 S C Q A S G G L L E D Y I I N W V R Q A
 TCC TGC CAG GCT TCT GGC GGC CTG CTG GAA GAT TAC ATC ATC AAC TGG GTG CGA CAG GCC
 121 P G Q G P E W M G G I I P V L G T V H Y
 CCA GGC CAG GGA CCT GAA TGG ATG GGC GGA ATC ATC CCC GTG CTG GGC ACC GTG CAC TAC
 181 G P K F Q G R V T I T A D E S T D T A Y
GGC CCT AAG TTC CAG GGC AGA GTG ACC ATC ACC GCC GAC GAG TCT ACC GAC ACC GCC TAC
 241 M E L S S L R S E D T A M Y Y C A T E T
 ATG GAA CTG TCC TCC CTG CGG AGC GAG GAC ACC GCC ATG TAC TAC TGC GCC ACC GAG ACA
 301 A L V V S E T Y L P H Y F D N W G Q G T
GCC CTG GTG GTG TCC GAG ACA TAC CTG CCC CAC TAC TTC GAC AAC TGG GGC CAG GGA ACC
 361 L V T V S S A S T K G P S V F P L A P S
 CTC GTG ACC GTC TCC TCA GCC TCC ACC AAG GGC CCA TCG GTC TTC CCC CTG GCA CCC TCC
 421 S K S T S G G T A A L G C L V K D Y F P
 TCC AAG TCC ACC TCC GGC GGC ACC GCC GCT CTG GGC TGC CTG GTG AAG GAC TAC TTC CCT
 481 E P V T V S W N S G A L T S G V H T F P
 GAG CCT GTG ACC GTG TCC TGG AAC TCT GGC GCC CTG ACC TCT GGC GTG CAC ACC TTC CCT
 541 A V L Q S S G L Y S L S S V V T V P S S
 GCC GTG CTG CAG TCC TCC GGC CTG TAC TCC CTG TCC TCC GTG GTG ACA GTG CCT TCC TCC
 601 S L G T Q T Y I C N V N H K P S N T K V
 TCC CTG GGC ACC CAG ACC TAC ATC TGC AAC GTG AAC CAC AAG CCC AGC AAC ACC AAG GTG
 661 D K R V E P K S C D K T H T C P P C P A
 GAC AAG AGA GTT GAG CCC AAA TCT TGT GAC AAA ACT CAC ACA TGC CCA CCG TGC CCA GCA
 721 P E L L G G P S V F L F P P K P K D T L
 CCT GAG CTC CTG GGG GGA CCG TCA GTC TTT CTG TTC CCT CCT AAG CCT AAG GAC ACC CTG
 781 Y I T R E P E V T C V V V D V S H E D P
TAC ATC ACC CGG GAG CCT GAA GTG ACC TGC GTG GTG GTG GAT GTG TCC CAC GAG GAC CCT
 841 E V K F N W Y V D G V E V H N A K T K P
 GAG GTG AAG TTC AAT TGG TAC GTG GAC GGC GTG GAG GTG CAC AAC GCC AAG ACC AAG CCT
 901 R E E Q Y N S T Y R V V S V L T V L H Q
 CGG GAG GAG CAG TAC AAC TCC ACC TAC CGG GTG GTG TCT GTG CTG ACC GTG CTG CAC CAG
 961 D W L N G K E Y K C K V S N K A L P A P
 GAC TGG CTG AAC GGC AAA GAA TAC AAG TGC AAA GTC TCC AAC AAG GCC CTG CCT GCC CCC
 1021 I E K T I S K A K G Q P R E P Q V Y T L
 ATC GAG AAA ACC ATC TCC AAA GCC AAA GGG CAG CCC CGA GAA CCA CAG GTG TAC ACC CTG
 1081 P P S R E E M T K N Q V S L T C L V K G
 CCT CCC TCC CGC GAG GAG ATG ACC AAG AAC CAG GTG TCC CTG ACC TGT CTG GTG AAG GGC
 1141 F Y P S D I A V E S N G C Q P E N N Y
 TTC TAC CCT TCC GAT ATC GCC GTG GAG TGG GAG TCC AAC GGC CAG CCT GAG AAC AAC TAC
 1201 K T T P P V L D S D G S F F L Y S K L T
 AAG ACC ACC CCT CCT GTG CTG GAC TCC GAC GGC TCC TTC TTC CTG TAC TCC AAG CTG ACC
 1261 V D K S R W Q Q G N V F S C S V M H E A
 GTG GAC AAG TCC CGG TGG CAG CAG GGC AAC GTG TTC TCC TGC TCC GTG ATG CAC GAG GCT
 1321 L H N H Y T Q K S L S L S P G K
 CTG CAC AAC CAC TAC ACC CAG AAA AGC CTC TCC CTG TCT CCG GGT AAA

(CDRs ARE UNDERLINED, AMINO ACID DIFFERENCES FROM ALLELIC CONSTANT REGIONS HAVE BEEN CIRCLED AND DIVISION BETWEEN THE VARIABLE AND CONSTANT REGIONS MARKED BY A '|')

Fig. 1

SUBSTITUTE SHEET (RULE 26)

2/3

MEDI8897 LIGHT CHAIN NUCLEOTIDE SEQUENCES AND TRANSLATION

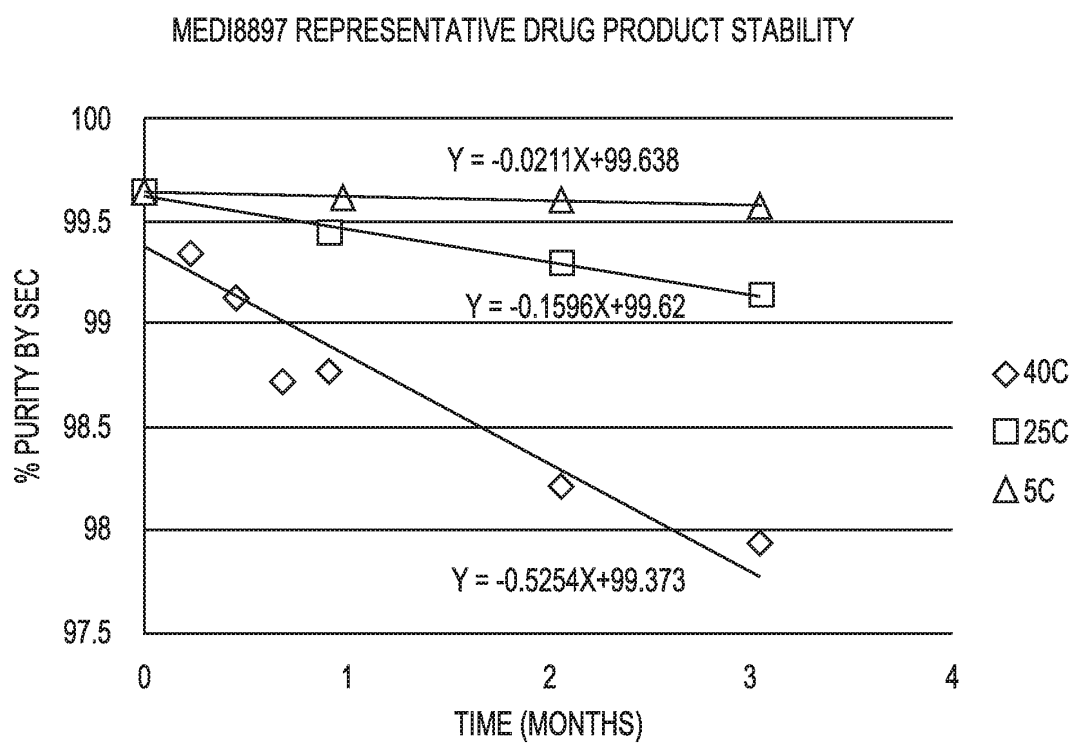
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      D   I   Q   M   T   Q   S   P   S   S   L   S   A   A   V   G   D   R   V   T
1   GAC ATC CAG ATG ACC CAG TCC CCC TCC TCT CTG TCT GCT GCC GTG GGC GAC AGA GTG ACC
      I   T   C   Q   A   S   Q   D   I   V   N   Y   L   N   W   Y   Q   Q   K   P
61  ATC ACC TGT CAG GCC TCC CAG GAC ATC GTG AAC TAC CTG AAC TGG TAT CAG CAG AAG CCC
      G   K   A   P   K   L   L   I   Y   V   A   S   N   L   E   T   G   V   P   S
121 GGC AAG GCC CCC AAG CTG CTG ATC TAC GTG GCC TCC AAC CTG GAA ACC GGC GTG CCC TCC
      R   F   S   G   S   G   S   G   T   D   F   S   L   T   I   S   S   L   Q   P
181 AGA TTC TCC GGC TCT GGC TCT GGC ACC GAC TTC AGC CTG ACC ATC TCC AGC CTG CAG CCT
      E   D   V   A   T   Y   Y   C   Q   Q   Y   D   N   L   P   L   T   F   G   G
241 GAG GAC GTG GCC ACC TAC TAC TGC CAG CAG TAC GAC AAC CTG CCC CTG ACC TTT GGC GGA
      G   T   K   V   E   I   K   R   T   V   A   A   P   S   V   F   I   F   P   P
301 GGC ACC AAG GTG GAG ATC AAA CGA ACT GTG GCT GCA CCA TCT GTC TTC ATC TTC CCC CCC
      S   D   E   Q   L   K   S   G   T   A   S   V   V   C   L   L   N   N   F   Y
361 AGC GAC GAG CAG CTG AAG AGC GGC ACC GCC TCC GTG GTG TGC CTG CTG AAC AAC TTC TAC
      P   R   E   A   K   V   Q   W   K   V   D   N   A   L   Q   S   G   N   S   Q
421 CCC CGC GAG GCC AAG GTG CAG TGG AAG GTG GAC AAC GCC CTG CAG TCC GGC AAC AGC CAG
      E   S   V   T   E   Q   D   S   K   D   S   T   Y   S   L   S   S   T   L   T
481 GAG AGC GTC ACC GAG CAG GAC AGC AAG GAC TCC ACC TAC AGC CTG AGC AGC ACC CTG ACC
      L   S   K   A   D   Y   E   K   H   K   V   Y   A   C   E   V   T   H   Q   G
541 CTG AGC AAG GCC GAC TAC GAG AAG CAC AAG GTG TAC GCC TGC GAG GTG ACC CAC CAG GGC
      L   S   S   P   V   T   K   S   F   N   R   G   E   C
601 CTG TCC AGC CCC GTG ACC AAG AGC TTC AAC AGG GGC GAG TGC

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Fig. 2

3/3

**Fig. 3**