

Human Adenyl cycl activating polypep 1 (pituitary) rect type 1 (ADCYAP1R1) in pcDNA3.1

[illegible]

\_\_\_HUMAN ADENYL CYCL ACTIVATING POLYPEP 1 (PIT\_\_\_>

410 420 430 440 450  
GAGTGGTGAGCCGGAAGTGCACGGAGGATGGCTGGTCGGAACCCCTTCCCT  
CTCACCACCTCGGCCTTGACGTGCCTCCTACCGACCAGCCTTGGGAAGGGA  
G V V S R N C T E D G W S E P F P>

\_\_\_HUMAN ADENYL CYCL ACTIVATING POLYPEP 1 (PIT\_\_\_>

460 470 480 490 500  
CATTACTTTGATGCCTGTGGGTTTGATGAATATGAATCTGAGACTGGGGA  
GTAATGAACTACGGACACCCAACTACTTATACTTAGACTCTGACCCCT  
H Y F D A C G F D E Y E S E T G D>

\_\_\_HUMAN ADENYL CYCL ACTIVATING POLYPEP 1 (PIT\_\_\_>

510 520 530 540 550  
CCAGGATTATTACTACCTGTCACTGAAGGCCCTCTACACGGTTGGCTACA  
GGTCCTAATAATGATGGACAGTCACTTCCGGGAGATGTGCCAACCGATGT  
Q D Y Y Y L S V K A L Y T V G Y>

\_\_\_HUMAN ADENYL CYCL ACTIVATING POLYPEP 1 (PIT\_\_\_>

560 570 580 590 600  
GCACATCCCTCGTCACCCTCACCCTGCCATGGTCATCCTTTGTGCTTC  
CGTGTAGGGAGCAGTGGGAGTGGTGACGGTACCAGTAGGAAACAGCGAAG  
S T S L V T L T T A M V I L C R F>

\_\_\_HUMAN ADENYL CYCL ACTIVATING POLYPEP 1 (PIT\_\_\_>

610 620 630 640 650  
CGGAAGCTGCACTGCACACGCAACTTCATCCACATGAACCTGTTTGTGTC  
GCCTTCGACGTGACGTGTGCGTTGAAGTAGGTGTACTTGGACAAACACAG  
R K L H C T R N F I H M N L F V S>

\_\_\_HUMAN ADENYL CYCL ACTIVATING POLYPEP 1 (PIT\_\_\_>

660 670 680 690 700  
GTTTCATGCTGAGGGCGATCTCCGTCTTCATCAAAGACTGGATTCTGTATG  
CAAGTACGACTCCCGCTAGAGGCAGAAGTAGTTTCTGACCTAAGACATAC  
F M L R A I S V F I K D W I L Y>

\_\_\_HUMAN ADENYL CYCL ACTIVATING POLYPEP 1 (PIT\_\_\_>

710 720 730 740 750  
CGGAGCAGGACAGCAACCACTGCTTCATCTCCACTGTGGAATGTAAGGCC  
GCCTCGTCCTGTGCTTGGTGACGAAGTAGAGGTGACACCTTACATTCCGG  
A E Q D S N H C F I S T V E C K A>

\_\_\_HUMAN ADENYL CYCL ACTIVATING POLYPEP 1 (PIT\_\_\_>

760 770 780 790 800  
GTCATGGTTTTCTTCCACTACTGTGTTGTGTCCAACCTACTTCTGGCTGTT  
CAGTACCAAAAAGAAGGTGATGACACAACACAGGTTGATGAAGACCGACAA  
V M V F F H Y C V V S N Y F W L F>

\_\_\_HUMAN ADENYL CYCL ACTIVATING POLYPEP 1 (PIT\_\_\_>

810 820 830 840 850  
CATCGAGGGCCTGTACCTCTTCACTCTGCTGGTGGAGACCTTCTTCCCTG  
GTAGCTCCCGGACATGGAGAAGTGAGACGACCACCTCTGGAAGAAGGGAC  
I E G L Y L F T L L V E T F F P>

\_\_\_HUMAN ADENYL CYCL ACTIVATING POLYPEP 1 (PIT\_\_\_>

860 870 880 890 900

AAAGGAGATACTTCTACTGGTACACCATCATTGGCTGGGGGACCCCAACT  
 TTTCTCTATGAAGATGACCATGTGGTAGTAACCGACCCCCTGGGGTTGA  
 E R R Y F Y W Y T I I G W G T P T>  
 \_\_\_\_HUMAN ADENYL CYCL ACTIVATING POLYPEP 1 (PIT\_\_\_\_>

910 920 930 940 950  
 GTGTGTGTGACAGTGTGGGCTACGCTGAGACTCTACTTTTGATGACACAGG  
 CACACACACTGTGACACCCGATGCGACTCTGAGATGAACTACTGTGTCC  
 V C V T V W A T L R L Y F D D T G>  
 \_\_\_\_HUMAN ADENYL CYCL ACTIVATING POLYPEP 1 (PIT\_\_\_\_>

960 970 980 990 1000  
 CTGCTGGGATATGAATGACAGCACAGCTCTGTGGTGGGTGATCAAAGGCC  
 GACGACCCTATACTTACTGTGCTGTCGAGACACCACCCACTAGTTTCCGG  
 C W D M N D S T A L W W V I K G>  
 \_\_\_\_HUMAN ADENYL CYCL ACTIVATING POLYPEP 1 (PIT\_\_\_\_>

1010 1020 1030 1040 1050  
 CTGTGGTTGGCTCTATCATGGTTAACTTTGTGCTTTTTATTGGCATTATC  
 GACACCAACCGAGATAGTACCAATTGAAACACGAAAATAACCGTAATAG  
 P V V G S I M V N F V L F I G I I>  
 \_\_\_\_HUMAN ADENYL CYCL ACTIVATING POLYPEP 1 (PIT\_\_\_\_>

1060 1070 1080 1090 1100  
 GTCATCCTTGTGCAGAACTTCAGTCTCCAGACATGGGAGGCAATGAGTC  
 CAGTAGGAACACGTCTTTGAAGTCAGAGGTCTGTACCCTCCGTTACTCAG  
 V I L V Q K L Q S P D M G G N E S>  
 \_\_\_\_HUMAN ADENYL CYCL ACTIVATING POLYPEP 1 (PIT\_\_\_\_>

1110 1120 1130 1140 1150  
 CAGCATCTACTTGCAGACTGGCCCGGTCCACCCTGCTGCTCATCCCACTAT  
 GTCGTAGATGAACGCTGACCGGGCCAGGTGGGACGACGAGTAGGGTGATA  
 S I Y L R L A R S T L L L I P L>  
 \_\_\_\_HUMAN ADENYL CYCL ACTIVATING POLYPEP 1 (PIT\_\_\_\_>

1160 1170 1180 1190 1200  
 TCGGAATCCACTACACAGTATTTGCCTTCTCCCCAGAGAATGTCAGCAAA  
 AGCCTTAGGTGATGTGTGCATAAACGGAAGAGGGGTCTCTTACAGTCGTTT  
 F G I H Y T V F A F S P E N V S K>  
 \_\_\_\_HUMAN ADENYL CYCL ACTIVATING POLYPEP 1 (PIT\_\_\_\_>

1210 1220 1230 1240 1250  
 AGGGAAAGACTCGTGTGTTGAGCTGGGGCTGGGCTCCTTCCAGGGCTTTGT  
 TCCCTTTCTGAGCACAACTCGACCCCGACCCGAGGAAGGTCCCGAAACA  
 R E R L V F E L G L G S F Q G F V>  
 \_\_\_\_HUMAN ADENYL CYCL ACTIVATING POLYPEP 1 (PIT\_\_\_\_>

1260 1270 1280 1290 1300  
 GGTGGCTGTTCTCTACTGTTTTCTGAATGGTGAGGTACAAGCGGAGATCA  
 CCACCGACAAGAGATGACAAAAGACTTACCACTCCATGTTTCGCCTCTAGT  
 V A V L Y C F L N G E V Q A E I>  
 \_\_\_\_HUMAN ADENYL CYCL ACTIVATING POLYPEP 1 (PIT\_\_\_\_>

1310 1320 1330 1340 1350  
 AGCGAAAATGGCGAAGCTGGAAGGTGAACCGTTACTTCGCTGTGGACTTC  
 TCGCTTTTACCGCTTCGACCTTCCACTTGGCAATGAAGCGACACCTGAAG  
 K R K W R S W K V N R Y F A V D F>

\_\_\_\_HUMAN ADENYL CYCL ACTIVATING POLYPEP 1 (PIT\_\_\_\_>

1360 1370 1380 1390 1400  
AAGCACCGACACCCGTCTCTGGCCAGCAGTGGGGTGAATGGGGGCACCCA  
TTCGTGGCTGTGGGCAGAGACCGGTCGTCACCCCACTTACCCCGTGGGT  
K H R H P S L A S S G V N G G T Q>

\_\_\_\_HUMAN ADENYL CYCL ACTIVATING POLYPEP 1 (PIT\_\_\_\_>

1410 1420 1430 1440 1450  
GCTCTCCATCCTGAGCAAGAGCAGCTCCCAAATCCGCATGTCTGGCCTCC  
CGAGAGGTAGGACTCGTTCTCGTCGAGGGTTTAGGCGTACAGACCGGAGG  
L S I L S K S S S Q I R M S G L>

\_\_\_\_HUMAN ADENYL CYCL ACTIVATING POLYPEP 1 (PIT\_\_\_\_>

1460 1470 1480 1490  
CTGCTGACAATCTGGCCACCTGACTCGAGTCTAGAGGGCCCGTTTAAAC  
GACGACTGTTAGACCGGTGGACTGAGCTCAGATCTCCCGGGCAAATTTG  
P A D N L A T \*>  
\_\_\_\_HUMAN ADENYL CYC\_\_\_\_>

>XhoI >XbaI >ApaI >PmeI  
| | | |  
| | | |