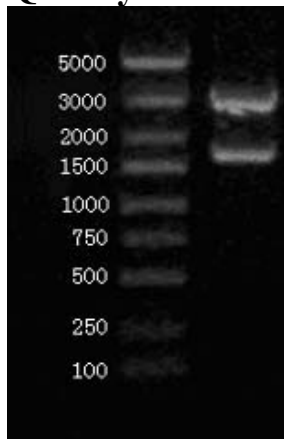


pGH-H1 (ACP41105)

Cat# HA-1005

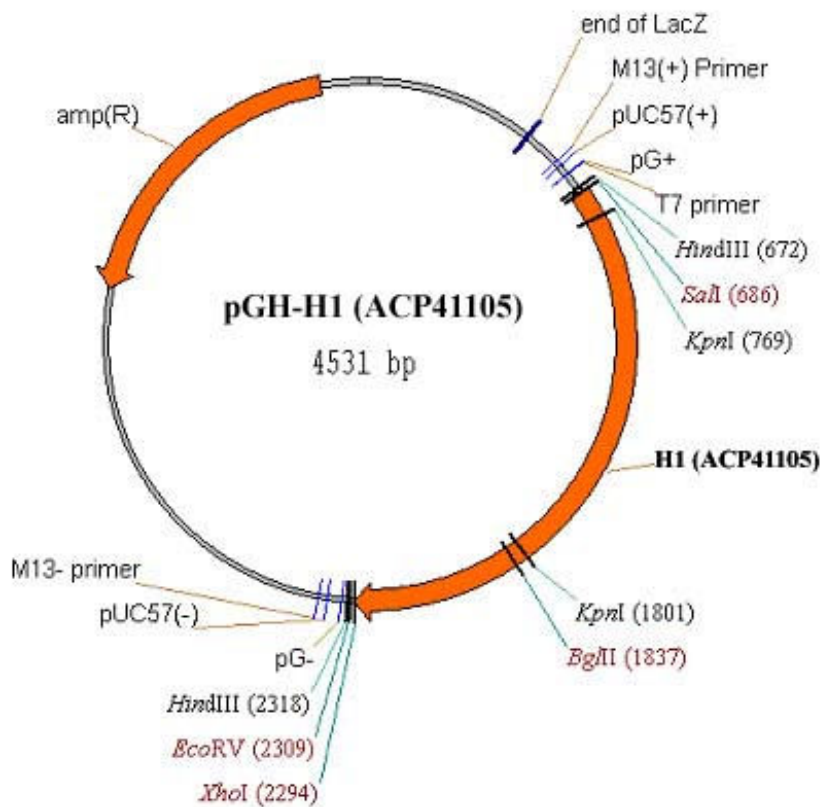
Gene description: codon optimized cDNA clone of Swine Flu H1N1 hemagglutinin (aa 1-530) (A/California/04/2009)

Quality control:



RES:HindIII

Construct map:



Detailed amino acid sequence of the cDNA clone:

```
1   MKAILVLLLY TFATANADTL CIGYHANNST DTVDTVLEKN VTVTHSVNLL EDKHNGKLCK
61  LRGVAPLHLG KCNIAGWILG NPECESLSTA SSWSYIVETP SSDNGTCYPG DFIDYEELRE
121 QLSSVSSFER FEIFPKTSSW PNHDSNKGVT AACPHAGAKS FYKNLIWLVK KGNSYPKLSK
181 SYINDKGKEV LVLWGIHHP S TSADQQSLYQ NADTYVFGS SRYSKKFKPE IAIRPKVRDQ
241 EGRMNYYWTL VEPGDKITFE ATGNLVVPRY AFAMERNAGS GIIISDTPVH DCNTTCQTPK
301 GAINSLPFQ NIHPITIGKC PKYVKSTKLR LATGLRNIPS IQSRGLFGAI AGFIEGGWTG
361 MVDGWYGYHH QNEQSGYAA DLKSTQNAID EITNKVNSVI EKMNTQFTAV GKEFNHLEKR
421 IENLNKKVDD GFLDIWTYNA ELLVLENER TLDYHDSNVK NLYEKVRSQL KNNAKEIGNG
481 CFEFYHKCDN TCMESVKNGT YDYPKYSEEA KLNREEIDGV KLESTRIYQI
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