

Polypeptide Stabilization Technology: **Stability TAG**

Solis BioDyne is offering Eco-Friendly* enzymes, mixes and other products with

- Convenient, fast and care-free reaction set-up at ambient temperature without ice-box needed
- The best price-quality ratio on the market
- Reduced waste and environmental impact due to smaller package size and ice-free shipping

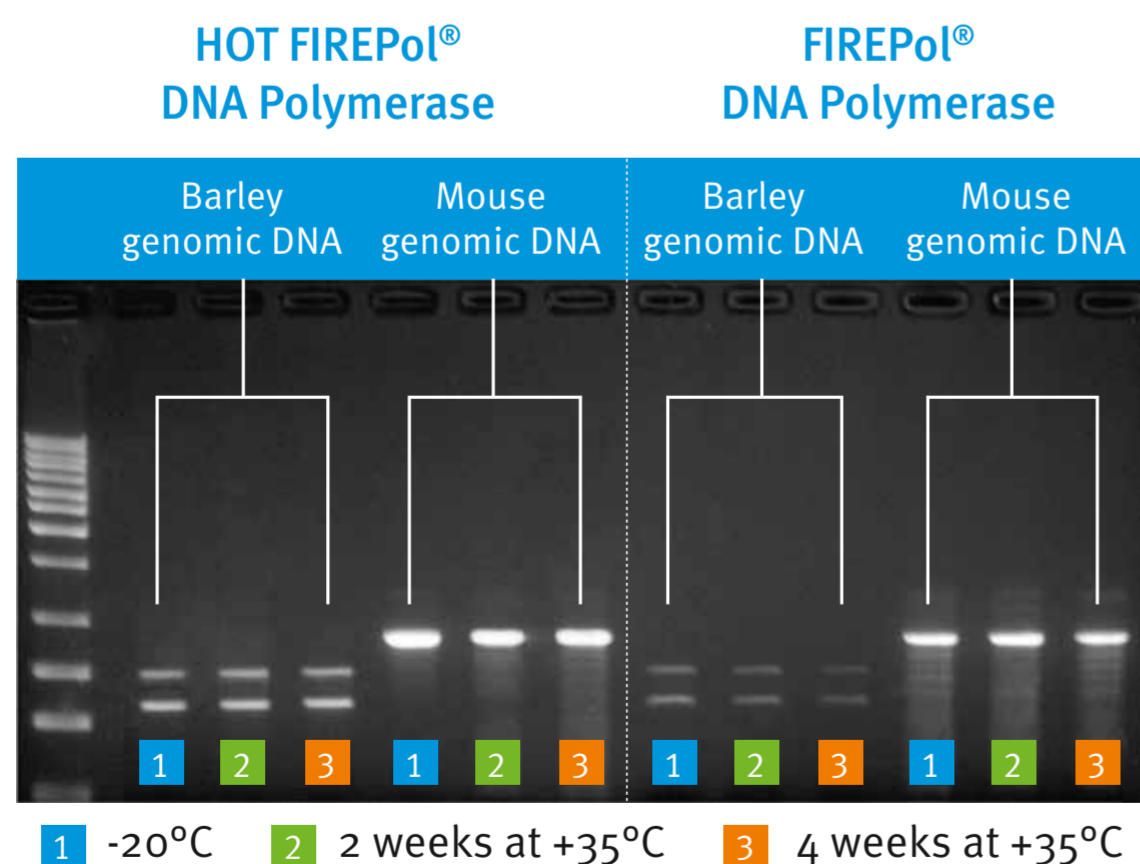
Exceptional stability at ambient temperature

All enzymes produced at Solis BioDyne are exceptionally stable at ambient temperature due to specific genetic mutations – Stability TAG Technology. When stored at ambient temperature for up to one month, the enzyme integrity indicates no degradation of activity.

Reagents stable at +35°C

Our products have been tested for stability at +35°C. No change in performance was detected between a fresh lot of qPCR Mix stored at -20°C and the qPCR mix stored at +35°C for four weeks.

Also, our primary enzymes FIREPol® and HOT FIREPol® DNA Polymerase exhibited no alterations in performance even after four weeks at +35°C.



* Economically and ecologically friendly solution



Patented Technology

- Patent EP2501716, Compositions for increasing polypeptide stability and activity, and related methods is now granted in the EU.
- Patent is published in European Patent Bulletin 21/04/15.

Tested on a variety of proteins

The stabilizing effect of Stability TAG has been tested on a variety of proteins including Taq DNA Polymerase, hEPO, PCNA, hLIF and Pyrophosphatase.

Stability TAG does not affect the properties of the protein

A number of tests with different Stability TAG attached proteins revealed no affect on protein properties. For example, pluripotency was maintained in ES cells during gene targeting using Stability Tag-hLIF; amplification of DNA using Stability TAG-Taq DNA Polymerase was performed with the same efficiency and accuracy as with regular *Taq*.

EXCELLENT
PRICE-QUALITY
RATIO

PLEASE ASK FOR
FREE SAMPLES!

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