

mRNA-mStayGold

mRNA-mStayGold is a ready-to-use mRNA product encoding the mStayGold ultra-high photostability fluorescent protein. It is suitable for fluorescence tracing experiments, long-term live-cell imaging, mRNA delivery research, and protein expression analysis. As one of the most photobleaching-resistant fluorescent proteins currently available, mStayGold is ideal for high-resolution microscopy, prolonged illumination experiments, and super-resolution imaging techniques such as STED and SIM.

| Name | Cat.No | Scale |
|----------------|------------|-------|
| mRNA-mStayGold | HX-mRNA020 | 1mg |

Concentration: 1mg/mL

Storage Buffer: ddH₂O pH=7.0

mRNA length: 971nt

Amino acid sequence size: 283.62 kDa

Full mRNA Molecular Weight: 298635.69

Handling and Storage: store at – 80°C for long term

Amino acid sequence:

MVSTGEELFTGVVPPFKFQLKGTINGKSFTVEGEGEGNSHEGSHKGGKYVCTSGKLPM
 SWAALGTSFGYGMKYTYKPSGLKNWFHEVMPEGFTYDRHIQYKGDGSIHAKHQH
 FMKNGTYHNIVEFTGQDFKENSPLVTGDMDVSLPNEVQHIPPIDDGVECTVTLQYPL
 LSDESKVEAYQNTIIKPLHNQPAPDVPFHWIRKQYTQSKDDTEERDHIIQSETLEAH
 L*