

Recombinant Oxoguanine Glycosylase 1 (OGG1) Instruction Manual

SIPC625Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Nucleus
Predicted Molecular Mass	65.4kDa
Accurate Molecular Mass	65kDa(Analysis of differences refer to the manual)
Residues & Tags	Ser31~Gly345 with N-terminal His and GST Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	8.6
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

```
                                SELRLDLVLA SGQSFRWKEQ
SPAHWSGVLA DQVWTLTQTE DQLYCTVYRG DDSQVSRPTL EELETLHKYF
QLDVSLAQLY SHWASVDSHF QRVAQKFQGV RLLRQDPTEC LFSFICSSNN
NIARITGMVE RLCQAFGPRL IQLDDVTYHG FPNLHALAGP EAETHLRKLG
LGYRARYVRA SAKAILEEQG GPAWLQQLRV APYEEAHKAL CTLPGVGAKV
ADCICLMALD KPQAVPVDVH VWQIAHRDYG WHPKTSQAKG PSPLANKELG
NFFRNLWGPY AGWAQAVLFS ADLRQPSSLR EPPAKRKKGS KRPEG
```

USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

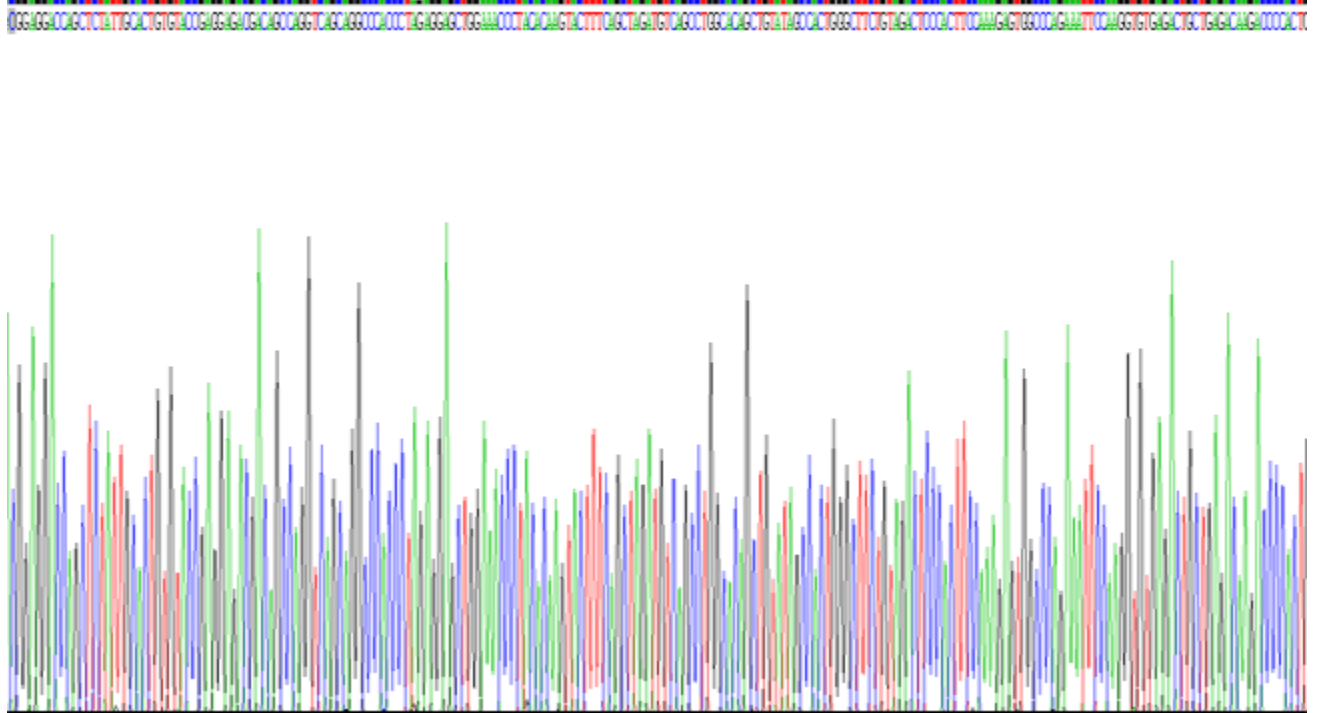
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image



SDS-PAGE Image

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.