

Recombinant Complement Component 3 (C3) Instruction Manual

SIPA899Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	41.6kDa
Accurate Molecular Mass	42kDa(Analysis of differences refer to the manual)
Residues & Tags	Ala965~Arg1303 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	5.9
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

```
ADLSDQ VPDTDSETRI ILQGSPVVQM AEDAVDGERL
KHLIVTPAGC GEQNMIGMTP TVIAVHYLDQ TEQWEKFGIE KRQEALELIK
KGYTQQLAFK QPSSAYAAFN NRPPSTWLTA YVVKVFSLAA NLI AIDSHVL
CGAVKWLILE KQKPDGVFQE DGPVIHQEMI GGFRNAKEAD VSLTAFVLIA
LQEAR DICEG QVNSLPGSIN KAGEYIEASY MNLQRPYTVA IAGYALALMN
KLEEYPYLGKF LNTAKDRNRW EEPDQQLYNV EATSYALLAL LLLKDFDSVP
PVVRWLNEQR YYGGGYGSTQ ATFMVFQALA QYQTDVDPHK DLNMDVSFHL
PSR
```

USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.
Do not vortex.

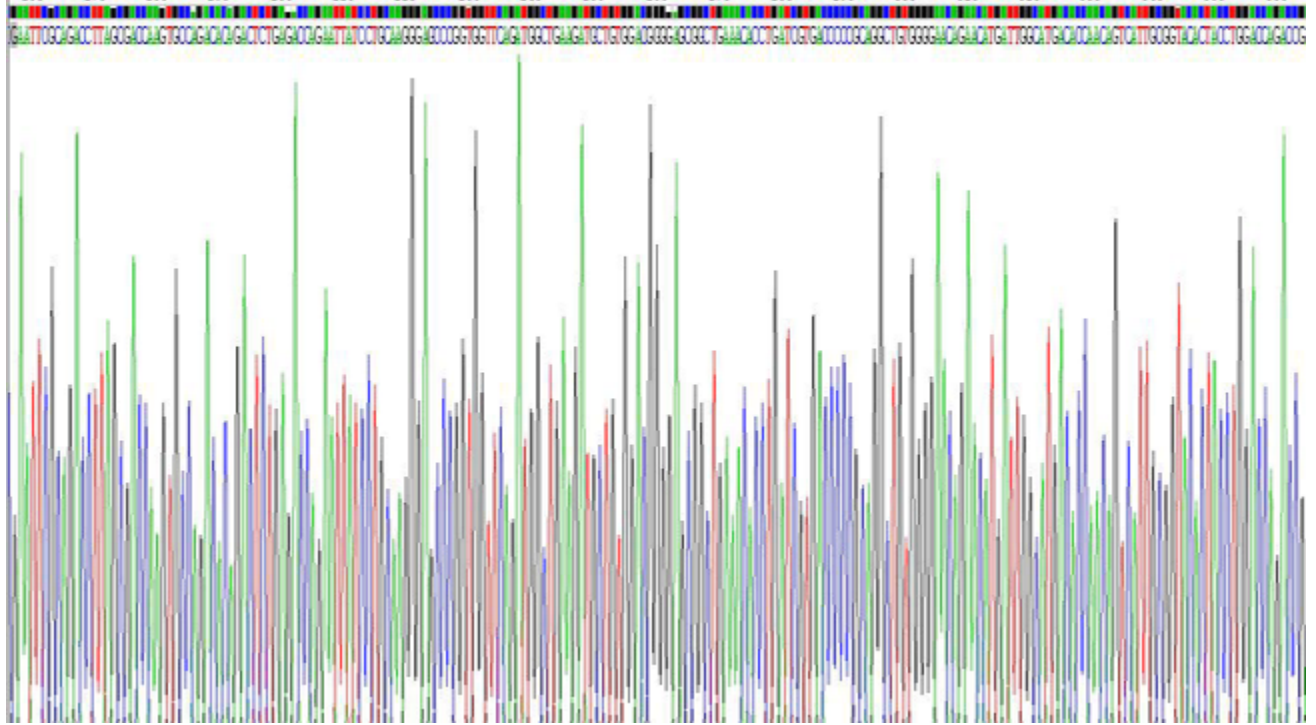
STORAGE

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.