

Recombinant Complement Component 3 (C3) Instruction Manual

SIPA899Ra01

Rattus norvegicus (Rat)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	40.3kDa
Accurate Molecular Mass	39kDa(Analysis of differences refer to the manual)
Residues & Tags	Asp966~Trp1313 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	5.4
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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DLSDQ VPDTDSETRI LLQGTPVAQM AEDAVDGERL
KHLIVTPSGC GEQNMIGMTP TVIAVHYLDQ TEQWEKFGLE KRQEALELIK
KGYTQQLAFK QPISAYAAFN NRPPSTWLTA MWSRSFSLAA NLIAIDSQVL
CGAVKWLILE KQKPDGVFQE DGPVIHQEMI GGFRNTKEAD VSLTAFVLIA
LQEARDICEG QVNSLPGSIN KAGEYLEASY LNLQRPYTVA IAGYALALMN
KLEEPYLTKF LNTAKDRNRW EEPGQQLYNV EATSYALLAL LLLKDFDSVP
PVVRWLNDER YYGGGYGSTQ ATFMVFQALA QYRADVPDHK DLNMDVSLHL
PSRSSPTVFR LLW
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USAGE

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

STORAGE

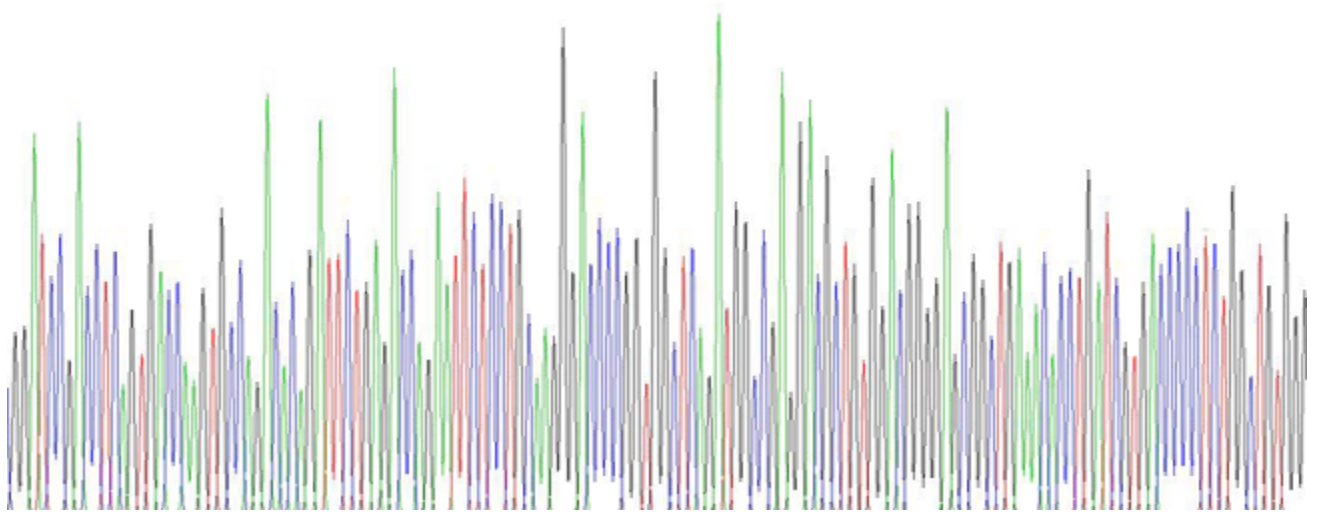
Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

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

GGATCCGACCTCAGTGACCAAGTGCCAGACACAGATTCTGAGACCAAGATTCTCTGCAAGGACCCCGGTGGCTCAGATGGCCGAGGACGCTGTGGACGGGGAGCGGCTGAAACACCTGATCGTGACCCCTCTGGCTGTTGG



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.

