

Recombinant Cytokeratin 19 (CK19) Instruction Manual

SIPB412Mu01

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	45.8kDa
Accurate Molecular Mass	46kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Ile403 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	5.6
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

MTSYSYRQTS AMSSFGGTGG GSVRIGSGGV FRAPSIHGGG GGRGVSVSST
RFVTSSSGSY GGVRGGSFSG TLAVSDGLLS GNEKITMQNL NDRLASYLDK
VRALEQANGE LEVKIRDWYQ KQGPGPSRDY NHYFKTIEDL RDKILGATID
NSKIVLQIDN ARLAADDVRT KFETEHALRL SVEADINGLR RVLDELTLAR
TDLEMQIESL KEELAYLKKN HEEETALRS QVGGQVSVEV DSTPGVDLAK
ILSEMRSQYE IMAEKNRKDA EATYLARIEE LNTQVAHVSE QIQISKTEVT
DLRRTLQGLE IELQSQLSMK AALEGTLAET EARYGVQLSQ IQSVISGFEA
QLSDVRADIE RQNQEYKQLM DIKSRLEQEI ATYRSLLEGQ EAHYNNLPTP
KAI

USAGE

Reconstitute in ddH₂O 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

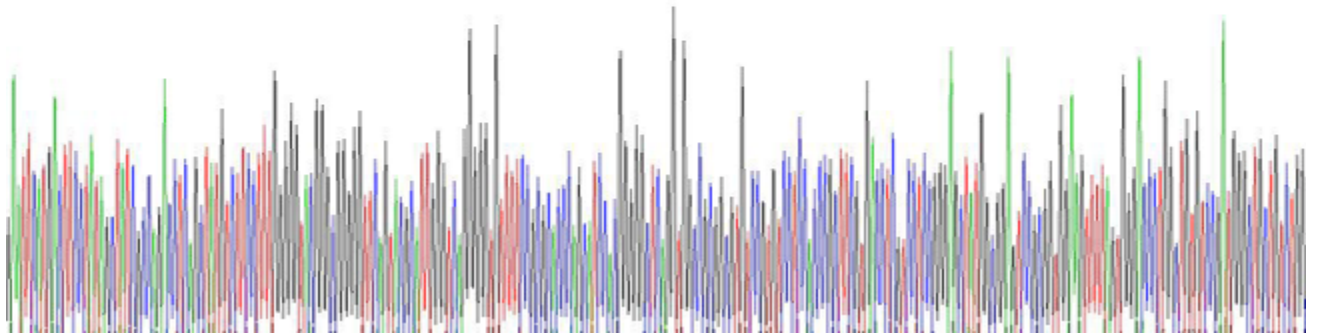


Figure. SDS-PAGE

[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.