# Recombinant Cytokeratin 18 (CK18) Instruction Manual

# SIPB410Mu01

# Mus musculus (Mouse)

**Source** Prokaryotic expression

**Host** E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular Location Nucleus, Cytoplasm

Predicted Molecular Mass 48.8kDa

Accurate Molecular Mass 48kDa(Analysis of differences refer to the manual)

Residues & Tags Met1~His423 with N-terminal His Tag

Buffer Formulation 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA,

1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

**Traits** Freeze-dried powder

Purity > 97% Isoelectric Point 5.2

**Applications** Positive Control; Immunogen; SDS-PAGE; WB.

# **SEQUENCE**

MSFTTRSTTF STNYRSLGSV RTPSQRVRPA SSAASVYAGA GGSGSRISVS RSVWGGSVGS AGLAGMGGIQ TEKETMQDLN DRLASYLDKV KSLETENRRL ESKIREHLEK KGPQGVRDWG HYFKIIEDLR AQIFANSVDN ARIVLQIDNA RLAADDFRVK YETELAMRQS VESDIHGLRK VVDDTNITRL QLETEIEALK EELLFMKKNH EEEVQGLEAQ IASSGLTVEV DAPKSQDLSK IMADIRAQYE ALAQKNREEL DKYWSQQIEE STTVVTTKSA EIRDAETTLT ELRRTLQTLE IDLDSMKNQN INLENSLGDV EARYKAQMEQ LNGVLLHLES ELAQTRAEGQ RQAQEYEALL NIKVKLEAEI ATYRRLLEDG EDFSLNDALD SSNSMQTVQK TTTRKIVDGR VVSETNDTRV LRH

### **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.

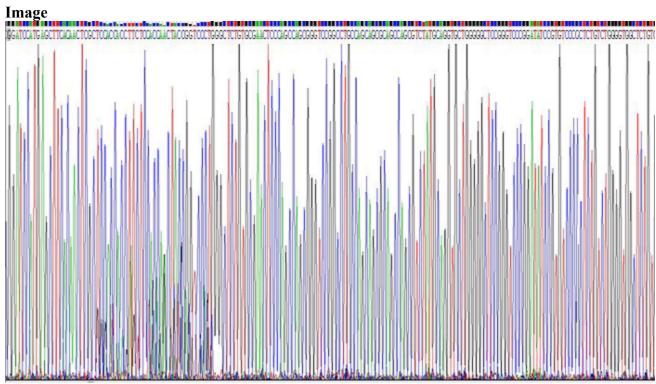


Figure. SDS-PAGE

# [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.