

# Recombinant Cytokeratin 18 (CK18)

## Instruction Manual

### SIPB410Mu01

#### Mus musculus (Mouse)

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Nucleus, Cytoplasm
<b>Predicted Molecular Mass</b>	48.8kDa
<b>Accurate Molecular Mass</b>	48kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Met1~His423 with N-terminal His Tag
<b>Buffer Formulation</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 97%
<b>Isoelectric Point</b>	5.2
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

#### SEQUENCE

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MSFTTRSTTF STNYRSLGSV RTPSQRV RPA SSAASVYAGA GGSGSRISVS  
RSVWGGSVGS AGLAGMGGIQ TEKETMQDLN DRLASYLDKV KSLETENRRL  
ESKIREHLEK KGPQGV RDWG HYFKIIEDLR AQIFANSVDN ARIVLQIDNA  
RLAADDFRVK YETELAMRQS VESDIHGLRK VVDDTNITRL QLETEIEALK  
EELLFMKKNH EEEVQGLEAQ IASSGLTVEV DAPKSQDLSK IMADIRAQYE  
ALAQKNREEL DKYWSQQIEE STTVVTTKSA EIRDAETTLT ELRRTLQTLE  
IDLDSMKNQN INLENSLGDV EARYKAQMEQ LNGVLLHLES ELAQTRAEGQ  
RQAQYEYALL NIKVKLEAEI ATYRRLLLEDG EDFSLNDALD SSNSMQTVQK  
TTTRKIVDGR VVSETNDTRV LRH
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#### USAGE

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



