

# Recombinant Cluster Of Differentiation 73 (CD73) Instruction Manual

## SIPB217Mu01

### 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>	Membrane
<b>Predicted Molecular Mass</b>	59.5kDa
<b>Accurate Molecular Mass</b>	59kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Trp29~phe550 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>	> 90%
<b>Isoelectric Point</b>	n/a
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

### SEQUENCE

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WE LTI LHTNDVH SRLEQTSDDS
TKCLNASLCV GGVARLFTKV QQIRKEEPNV LFLDAGDQYQ GTIWFTVYKG
LEVAHF MNIL GYDAMALGNH EFDNGVEGLI DPLL RNVKFP ILSANIKARG
PLAHQISGLF LPSKVLSVGG EVVGIVGYTS KETPFLSNPG TNLVFEDEIS
ALQPEVDK LK TLNVNKIIAL GHSGFEMDKL IAQKVRGVDI VVG GHSNTFL
YTG NPPSKEV PAGKYPFI VT ADDGRQVPV V QAYAFGKYL G YLKV EFD DKG
NVITSYGN PI LLNSSIPEDA TIKADINQWR IKLDNYSTQE LGRTIVYLDG
STQTCRFRE C NMGNLICDAM INNNLRHPDE MFWNHVSMCI VNGGGIRSPI
DEKNNGTIT W ENLAAVLPFG GTFDLVQLKG STLKKA FEHS VHRYGQSTGE
FLQVGGI HVV YDINRKPWNR VVQLEVLCTK CRVPIYEPL E MDKVYKVTLP
SYLANGGDGF QMIKDELLKH DSGDQDISV V SEYISKMKV V YPAVEGRIKF
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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.

## **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.

