# Recombinant Cluster Of Differentiation 74 (CD74) Instruction Manual

# SIPB645Hu01

## Homo sapiens (Human)

**Source** Prokaryotic expression

Host E.coli

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

Subcellular LocationMembranePredicted Molecular Mass20.3KDa

Accurate Molecular Mass 20kDa(Analysis of differences refer to the manual)

**Residues & Tags** Leu78~Val222 with N-terminal His Tag

100mMNaHCO<sub>3</sub>, 500mMNaCl, pH8.3, containing 1mM

**Buffer Formulation** EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and

Proclin300.

**Traits** Freeze-dried powder

Purity > 95% Isoelectric Point 7.2

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

## **SEQUENCE**

LDK LTVTSQNLQL ENLRMKLPKP

PKPVSKMRMA TPLLMQALPM GALPQGPMQN ATKYGNMTED HVMHLLQNAD PLKVYPPLKG SFPENLRHLK NTMETIDWKV FESWMHHWLL FEMSRHSLEO

KPTDAPPKVL TKCOEEVSHI PA

#### **USAGE**

Reconstitute in 100mM NaHCO<sub>3</sub>, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

#### **STORAGE**

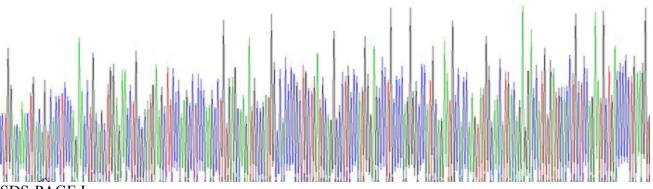
Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

#### **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**

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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.