

# Recombinant Cluster Of Differentiation 74 (CD74) Instruction Manual

## SIPB645Hu01

**Homo sapiens (Human)**

<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>	20.3KDa
<b>Accurate Molecular Mass</b>	20kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Leu78~Val222 with N-terminal His Tag
<b>Buffer Formulation</b>	100mMNaHCO <sub>3</sub> , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 95%
<b>Isoelectric Point</b>	7.2
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

```
LDK LTVTSQNLQL ENLRMKLPKP  
PKPVSKMRMA TPLLMQALPM GALPQGPMQN ATKYGNMTED HVMHLLQNAD  
PLKVYPPPLKG SFPENLRHLK NTMETIDWKV FESWMHHWLL FEMSRHSLEQ  
KPTDAPPKVL TKCQEEVSHI 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

