# Recombinant 7-Dehydrocholesterol Reductase (DHCR7) Instruction Manual

## SIPC530Hu01

### Homo sapiens (Human)

**Source** Prokaryotic expression

**Host** E.coli

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

Subcellular Location Endoplasmic reticulum lumen

**Predicted Molecular Mass** 40.2kDa

Accurate Molecular Mass 41kDa(Analysis of differences refer to the manual)

Residues & Tags Cys61~Leu153 with N-terminal His and GST Tag

Buffer Formulation 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL,

5% Trehalose.

**Traits** Freeze-dried powder

Purity > 95% Isoelectric Point 7.9

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

## **SEQUENCE**

CDQYSCALTG PVVDIVTGHA RLSDIWAKTP PITRKAAQLY TLWVTFQVLL YTSLPDFCHK FLPGYVGGIQ EGAVTPAGVV NKYQINGLQA WLL

#### USAGE

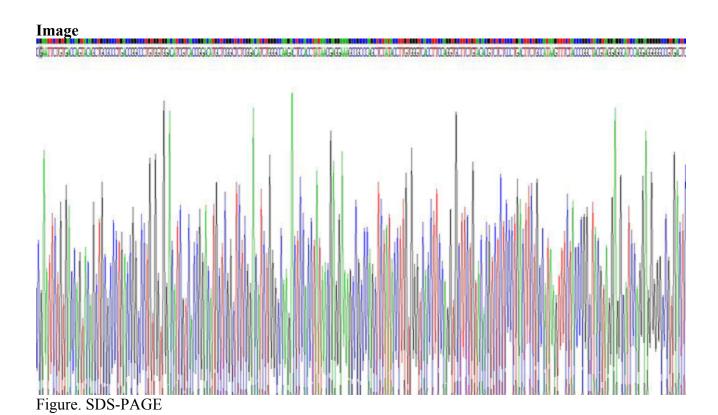
Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

#### **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.



## [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.