

# Recombinant Apolipoprotein H (APOH) Instruction Manual

SIPA220Bo01

**Bos taurus; Bovine (Cattle)**

<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>	Secreted
<b>Predicted Molecular Mass</b>	37.3kDa
<b>Accurate Molecular Mass</b>	37kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Arg21~Cys345 with N-terminal His Tag
<b>Buffer Formulation</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 97%
<b>Isoelectric Point</b>	8.5
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

```
RTCPKPDELP FSTVVPLKRT YEPGEQIVFS  
CQPGYVSRGG IRRFTCPPLTG LWPINTLKCM PRVCPFAGIL ENGTVRYTTF  
EYPNTISFSC HTGFYLGAS SAKCTEEGKW SPDLPVCAPI TCPPPPIPKF  
ASLSVYKPLA GNNSFYGSKA VFKCLPHHAM FGNDTVTCTE HGNWTQLPEC  
REVRCPFPSR PDNGFVNHPA NPVLYYKDTA TFGCHETYSL DGPEEVECSK  
FGNSAQPSC KASCKLSIKR ATVIYEGERV AIQNKFKNGM LHGQKVSFFC  
KHKEKKCSYT EDAQCIDGTI EIPKCFKEHS SLAFWKTDAS DVKPC
```

## USAGE

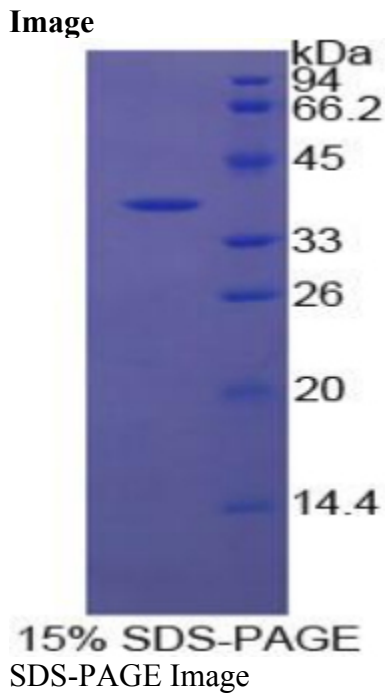
Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## 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.