

# Recombinant 3-Oxoacid Coenzyme A Transferase 1 (OXCT1) Instruction Manual

**SIPH132Hu01**

**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>	Secreted
<b>Predicted Molecular Mass</b>	52.4kDa
<b>Accurate Molecular Mass</b>	52kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Thr40~Leu489 with N-terminal His Tag
<b>Buffer Formulation</b>	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 95%
<b>Isoelectric Point</b>	6.3
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

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                                                                 T KFYTDPVEAV
KDIPDGATVL VGGFGLCGIP ENLIDALLKT GVKGLTAVSN NAGVDNFGLG
LLLRSKQIKR MVSSYVGENA EFERQYLSGE LEVELTPQGT LAERIRAGGA
GVPAFYTPTG YGTLVQEGGS PIKYNKDGSV AIASKPREVR EFNGQHFILE
EAITGDFALV KAWKADRAGN VIFRKSARNF NLPMCKAAET TVVEVEEIVD
IGAFAPEDIH IPQIYVHRLI KGEKYEKRIE RLSIRKEGDG EAKSAKPGDD
VRERIIKRAA LEFEDGMYAN LGIGIPLLAS NFISPNTIVH LQSENGVLGL
GPYPRQHEAD ADLINAGKET VTILPGASFF SDESDFAMIR GGHVDLTMLG
AMQVSKYGD L ANWMIPGKMV KMGGMAMD LV SSAKTKVVVT MEHSAKGN AH
KIMEKCTLPL TGKQCVNR II TEKAVFDV DK KKGLTLIEL
```

## USAGE

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

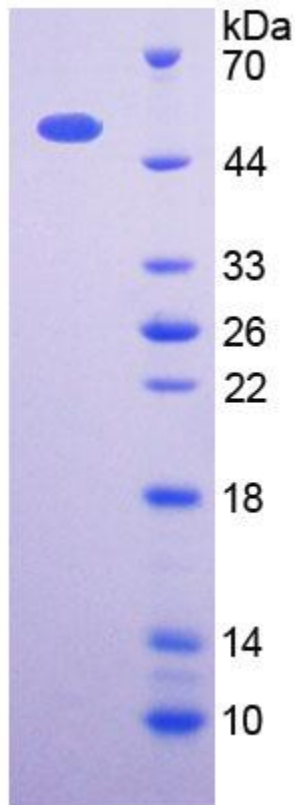
## STORAGE

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.

### Image



15% SDS-PAGE

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.