

# Eukaryotic Carboxylesterase 1 (CES1) Instruction Manual

## SFPC302Hu61

### Homo sapiens (Human)

|                                 |   |
|---------------------------------|---|
| <b>Source</b>                   | Eukaryotic expression   |
| <b>Host</b>                     | 293F cell   |
| <b>Endotoxin Level</b>          | <1.0EU per 1µg (determined by the LAL method)                           |
| <b>Subcellular Location</b>     | Endoplasmic reticulum lumen   |
| <b>Predicted Molecular Mass</b> | 61.6kDa   |
| <b>Accurate Molecular Mass</b>  | 62kDa(Analysis of differences refer to the manual)                      |
| <b>Residues &amp; Tags</b>      | Gly18~Leu567 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>                   | > 95%   |
| <b>Isoelectric Point</b>        | 6.5   |
| <b>Applications</b>             | Positive Control; Immunogen; SDS-PAGE; WB.                              |

## SEQUENCE

```
GHP SSPPVVDTVH GKVLGKFVSL EGFAQPVAIF
LGIPFAKPPL GPLRFTPPQP AEPWSFVKNA TSYPPMCTQD PKAGQLLSEL
FTNRKENIPL KLSEDCLYLN IYTPADLTKK NRLPVMVWIH GGGLMVGAA
TYDGLALAAH ENVVVVTIQY RLGIWGFFST GDEHSRGNWG HLDQVAALRW
VQDNIA SFGG NPGSVTIFGE SAGGESVSVL VLSPLAKNLF HRAISESGVA
LTSVLVKKGD VKPLAEQIAI TAGCKTTTSA VMVHCLRQKT EEELLETTLK
MKFLSLDLQG DPRESQPLL G TVIDGMLLLK TPEELQAERN FHTVPYMVGI
NKQEFGLWIP MQLMSYPLSE GQLDQKTAMS LLWKSYP LVC IAKELIPEAT
EKYLGGTDDT VKKKDLFLDL IADVMFGVPS VIVARNHRDA GAPTMYEFQ
YRPSFSSDMK PKTVIGDHGD ELFSVFGAPF LKEGASEEEI RLSKMVMKFW
ANFARNGNPN GEGLPHWPEY NQKEGYLQIG ANTQAAQKLK DKEVAFWTNL
FAKKA VEKPP QTEHIEL
```

## USAGE

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

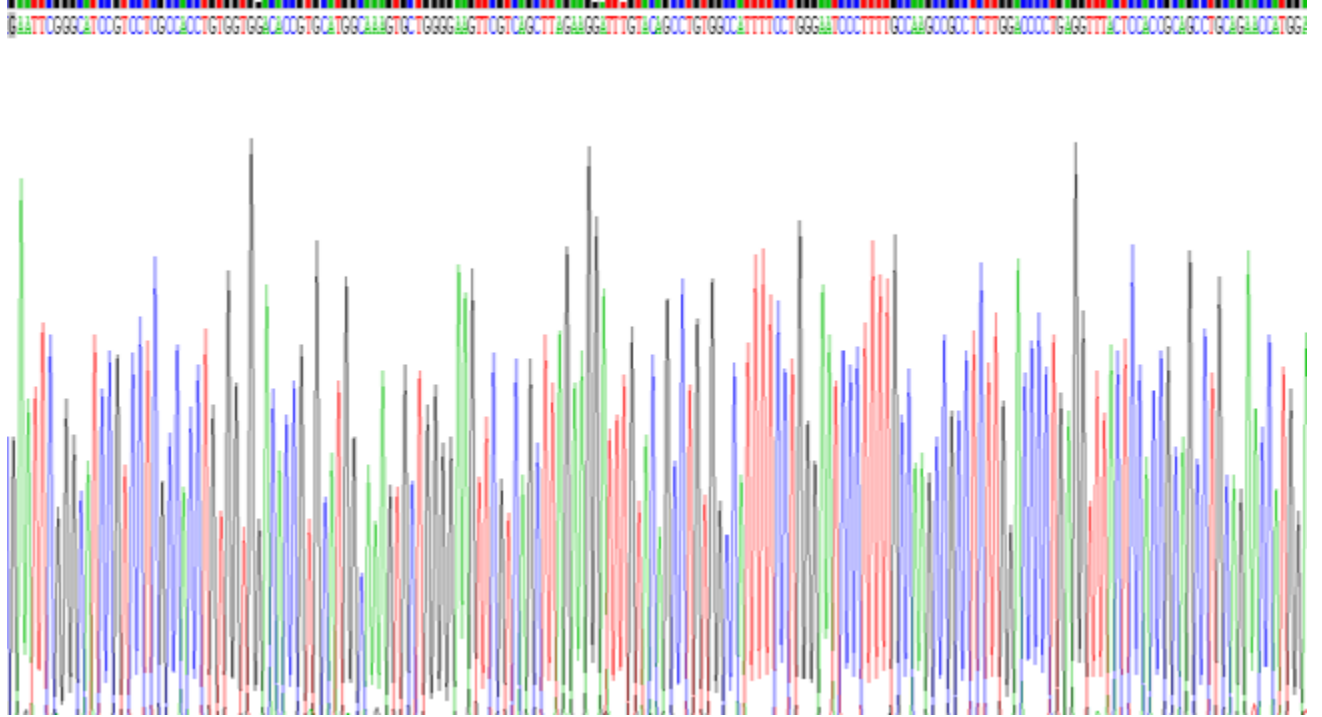
## STORAGE

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



## [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.