

Eukaryotic Carboxylesterase 1 (CES1) Instruction Manual

SFPC302Mu61

Mus musculus (Mouse)

Source	Eukaryotic expression
Host	293F cell
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	62.4kDa
Accurate Molecular Mass	60kDa(Analysis of differences refer to the manual)
Residues & Tags	His19~Leu565 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	5.9
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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HP SLPPVVHTVH GKVLGKYVTL EGFSQPVAVF
LGVPFAKPPL GSLRFAPPEP AEPWSFVKHT TSYPPLCYQN PEALRLAEL
FTNQRKIIPH KFSEDCLYLN IYTPADLTQN SRLPVMVWIH GGGLVIDGAS
TYDGVPLAVH ENVVVVVIQY RLGIWGFFST EDEHSRGNWG HLDQVAALHW
VQDNIANFGG NPGSVTIFGE SAGGESVSVL VLSPLAKNLF HRAIAQSSVI
FNPCLFGRAA RPLAKKIAAL AGCKTTTSAA MVHCLRQKTE DELLEVSLKM
KFGTVDFLGD PRESYPFLPT VIDGVLLPKA PEEILAEKSF NTPPYMVGIN
KHEFGWIIPM FLDPLSERK LDQKTAASIL WQAYPILNIS EKLIPAAIEK
YLGGETDPAT MTDLFLDLIG DIMFGVPSVI VSRSHRDAGA PTYMYEYQYR
PSFVSDDRPO ELLGDHADEL FSVWGAPFLK EGASEEEEINL SKMVMKFWAN
FARNGNPNGE GLPHWPEYDQ KEGYLQIGVP AQAAHRLKDK EVDFWTELRA
KETAERSSHR EHVEL
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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

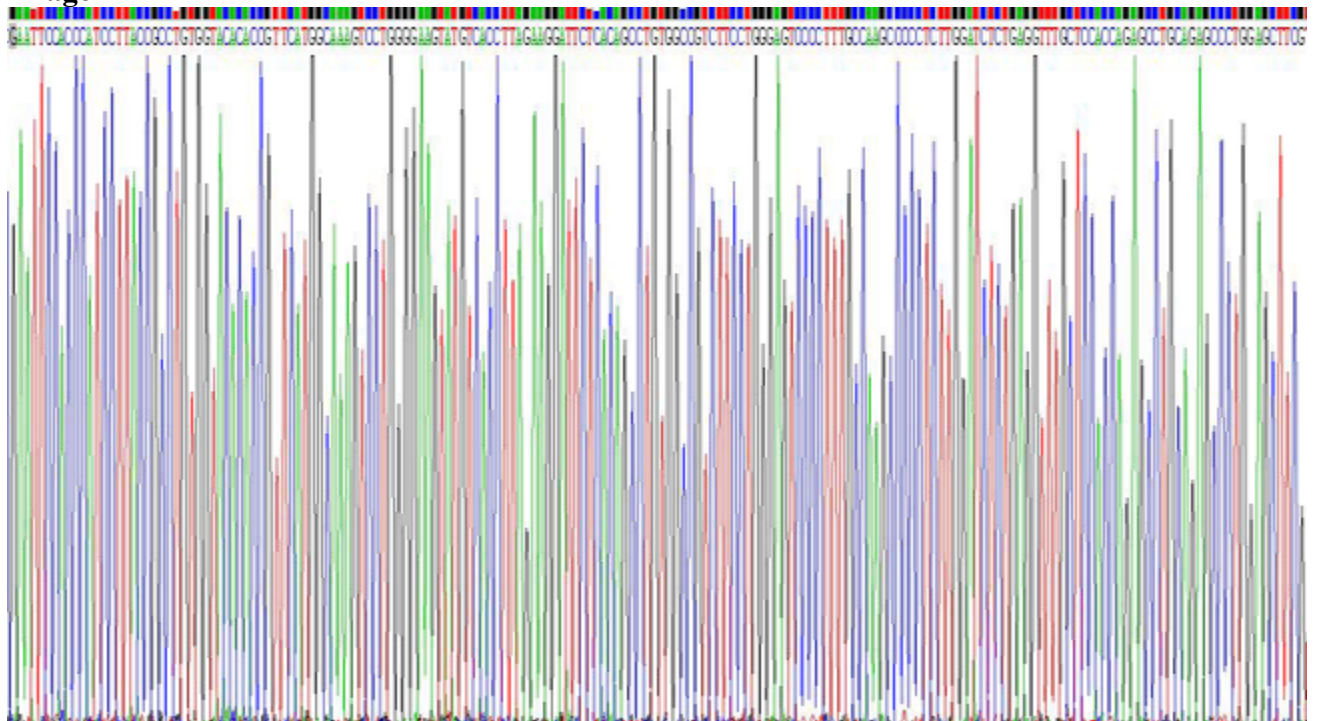


Figure. SDS-PAGE

[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.