Recombinant Caspase 14 (CASP14) Instruction Manual

SIPA304Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1μg (determined by the LAL method)
Subcellular Location	Nucleus, Cytoplasm
Predicted Molecular Mass	59.5kDa
Accurate Molecular Mass	60kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Gln257 with N-terminal His and GST Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	5.3
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

MESEMSDPQP LQEERYDMSG ARLALTLCVT KAREGSEVDM EALERMFRYL KFESTMKRDP TAQQFLEELD EFQQTIDNWE
EPVSCAFVVL MAHGEEGLLK GEDEKMVRLE DLFEVLNNKN CKALRGKPKV YIIQACRGEH RDPGEELRGN EELGGDEELG
GDEVAVLKNN PQSIPTYTDT LHIYSTVEGY LSYRHDEKGS GFIQTLTDVF IHKKGSILEL TEEITRLMAN TEVMQEGKPR
KVNPEVQSTL RKKLYLQ

USAGE

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

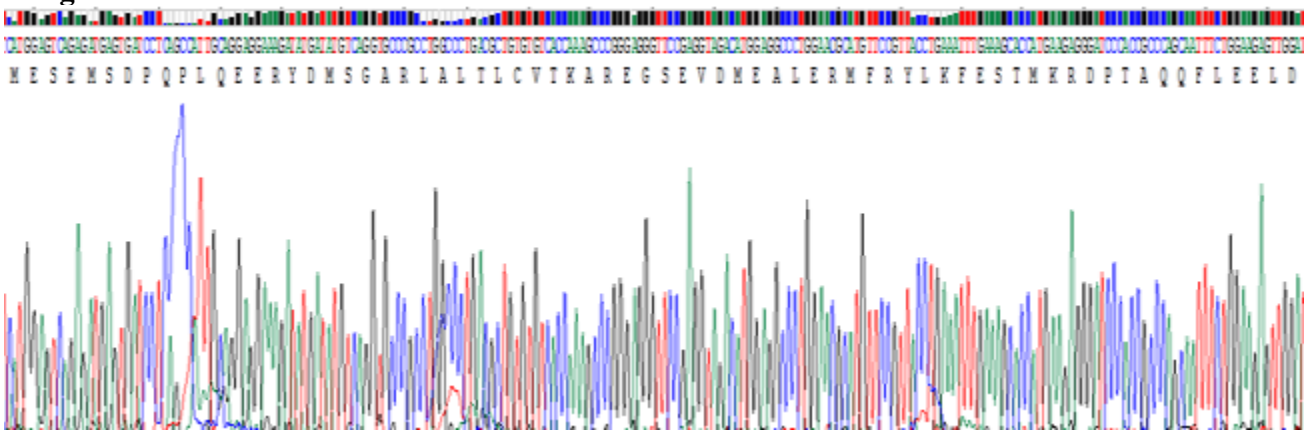
STORAGE

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



SDS-PAGE 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.