

# Recombinant Caspase 1 (CASP1) Instruction Manual

## SIPB245Mu01

### Mus musculus (Mouse)

<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>	Cytoplasm, Chromosome
<b>Predicted Molecular Mass</b>	21.6kDa
<b>Accurate Molecular Mass</b>	23kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Asn119~Asp296 with N-terminal His Tag
<b>Buffer Formulation</b>	100mMNaHCO <sub>3</sub> , 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 97%
<b>Isoelectric Point</b>	6.8
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

### SEQUENCE

```
                NK EDGTFPGLTG TLKFCPLEKA QKLWKENPSE  
IYPIMNTTTR  TRLALIICNT EFQHLSRVG AQVDLREMKL LLEDLGYTVK  
VKENLTALEM VKEVKEFAAC PEHKTS DSTF LVFMSHGIQE GICGTTYSNE  
VSDILKVDTI FQMMNTLKCP SLKDKPKVII IQACRGEKQG VVLLKD
```

### USAGE

Reconstitute in ddH<sub>2</sub>O 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.

