

Recombinant Casein Alpha (CSN1) Instruction Manual

SIPJ742Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	47.8kDa
Accurate Molecular Mass	50kDa(Analysis of differences refer to the manual)
Residues & Tags	Met16~Trp313 with Two N-terminal Tags, His-tag and SUMO-tag
Buffer Formulation	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	5.9
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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MPRLH SRNAVSSQTQ QQHSSEEIF KQPKYLNLNQ  
EFVNNMNRQR ALLTEQNDEI KVTMDAASEE QAMASAQEDS SSSSSSEESE  
EAIPNITEQK NIANEDMLNQ CTLEQLQRQF KYNQLLQKAS LAKQASLFQQ  
PSLVQQASLF QQPSLLQQAS LFQQPSMAQQ ASLLQQLLLA QQPSLALQVS  
PAQQSSSLVQQ AFLAQQASLA QKHHPRLSQS YYPHMEQPYP MNAYSQVQMR  
HPMSVVDQAL AQFSVQPFQ IFQYDAFPLW AYFPQDMQYL TPKAVLNTEK  
PIVSKDTEKT NVW
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USAGE

Reconstitute in ddH₂O 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

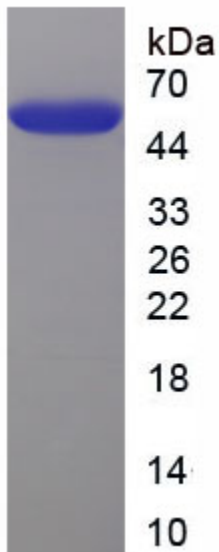


Figure. SDS-PAGE

[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.