

Recombinant Sterol Regulatory Element Binding Transcription Factor 1 (SREBF1) Instruction Manual

SIPC547Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane, Golgi apparatus, Endoplasmic reticulum lumen
Predicted Molecular Mass	27.1kDa
Accurate Molecular Mass	27kDa(Analysis of differences refer to the manual)
Residues & Tags	Pro158~Leu390 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	10.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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PVL GYSSLPSGFS GTLPGNTQQP PSSLPLAPAP GVLPTPALHT
QVQSLASQQP LPASAAPRTN TVTSQVQQVP VVLQPHFIKA DSLLLLTAVKT
DAGATVKTAG ISTLAPGTAV QAGPLQTLVS GGTILATVPL VVDTDKLPIH
RLAAGSKALG SAQSRGEKRT AHNAIEKRYR SSINDKIVEL KDLVVGTEAK
LNKSAVLRKA IDYIRFLQHS NQKCLKQENLT LRSAHKSKSL
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USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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

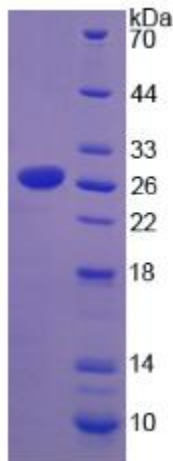


Figure. SDS-PAGE

[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.