

Recombinant Sestrin 2 (SESN2)

Instruction Manual

SIPC896Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Cytoplasm
Predicted Molecular Mass	53.7kDa
Accurate Molecular Mass	54kDa(Analysis of differences refer to the manual)
Residues & Tags	Ser41~Thr480 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	5.6
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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SRGPSAFIPV
EEILREGAES LEQHLGLEAL MSSGRVDNLA VVMGLHPDYL SSFWRLLHYLL
LHTDGPLASS WRHYIAIMAA ARHQCSYLVG SHMTEFLQTG GDPEWLLGLH
RAPEKLRKLS EVNKLLAHRP WLITKEHIQA LLKTGEHSWS LAELIQALVL
LTHCHSLASF VFGCGILPEG DAEGSPASQA PSPPEQGTG PSGDPLNNSG
GFEAARDVEA LMERMRQLQE SLLRDEGASQ EEMENRFELE KSESLLVTPS
ADILEPSPHP DILCFVEDPA FGYEDFTRRG TQAPPTFRAQ DYTWEDHGYS
LIQRLYPEGG QLLDEKFQVA CSLTYNTIAM HSGVDTSMRL RAIWNYIHCV
FGIRYDDYDY GEVNQLLERN LKIYIKTVAC YPEKTTRRMV NLFWRHFRHS
EKVHVNLLLL EARMQAALLY ALRAITRYMT
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USAGE

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

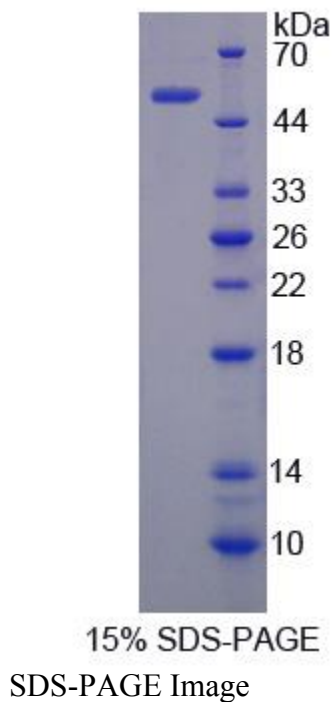
STORAGE

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



[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.