RPC840Mu01 50µg

Recombinant Sestrin 2 (SESN2)

Organism Species: *Mus musculus (Mouse)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Ser41~Thr480

Tags: N-terminal His Tag

Subcellular Location: Cytoplasm

Purity: > 97%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose .

Original Concentration: 250μg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 5.6

Predicted Molecular Mass: 53.7kDa

Accurate Molecular Mass: 54kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

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

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: 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.

[SEQUENCE]

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                                                SRGPSAFIPV
EEILREGAES LEQHLGLEAL MSSGRVDNLA VVMGLHPDYL SSFWRLHYLL
LHTDGPLASS WRHYIAIMAA ARHQCSYLVG SHMTEFLQTG GDPEWLLGLH
RAPEKLRKLS EVNKLLAHRP WLITKEHIQA LLKTGEHSWS LAELIQALVL
LTHCHSLASF VFGCGILPEG DAEGSPASQA PSPPSEQGTP PSGDPLNNSG
GFEAARDVEA LMERMRQLQE SLLRDEGASQ EEMENRFELE KSESLLVTPS
ADILEPSPHP DILCFVEDPA FGYEDFTRRG TQAPPTFRAQ DYTWEDHGYS
LIQRLYPEGG QLLDEKFQVA CSLTYNTIAM HSGVDTSMLR RAIWNYIHCV
FGIRYDDYDY GEVNQLLERN LKIYIKTVAC YPEKTTRRMY NLFWRHFRHS
EKVHVNLLLL EARMQAALLY ALRAITRYMT
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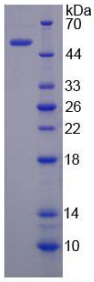
[IDENTIFICATION]



15% 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.