

**RPC840Mu01 500µg**

**Recombinant Sestrin 2 (SESN2)**

**Organism Species: *Mus musculus* (Mouse)**

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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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:** 150µg/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 2-8°C for one month.

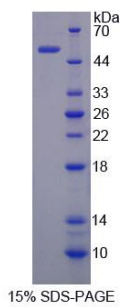
Aliquot and store at -80°C for 12 months.

**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 ]**

EEILREGAES	LEQHLGLEAL	MSSGRVDNLA	VVMGLHPDYL	SRGPSAFIPV
LHTDGPLASS	WRHYIAIMAA	ARHQCSYLVG	SHMTEFLQTG	SSFWRHLHYLL
RAPEKLRKLS	EVNKLLAHRP	WLITKEHIQA	LLKTGEHSWS	GDPEWLLGLH
LTHCHSLASF	VFGCGILPEG	DAEGSPASQA	PSPPEQGTG	LAELIQALVL
GFEAARDVEA	LMERMRLQEQ	SLLRDEGASQ	EEMENRFELE	PSGDPLNNSG
ADILEPSPHP	DILCFVEDPA	FGYEDFTRRG	TQAPPTFRAQ	KSESLLVTPS
LIQRLYPEGG	QLLDEKFQVA	CSLTYNMIAM	HSGVDTSMLR	DYTWEDHGYS
FGIRYDDYDY	GEVNQLLERN	LKIYIKTVAC	YPEKTTRRMV	RAIWNVYIHCV
EKVHVNLNLLL	EARMQAALLY	ALRAITRYMT		NLFWRHRFRHS

**[ IDENTIFICATION ]**



**[ 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.