

RPF877Mu01 10ug

Recombinant Sestrin 1 (SESN1)

Organism Species: *Mus musculus* (Mouse)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[**PROPERTIES**]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Gly45~Thr492

Tags: N-terminal His Tag

Subcellular Location: Nucleus

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, 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: 5.7

Predicted Molecular Mass: 55.7kDa

Accurate Molecular Mass: 56kDa as determined by SDS-PAGE reducing conditions.

[**USAGE**]

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

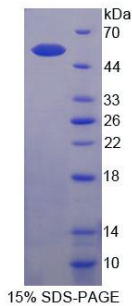
Aliquot and store at -80°C for 12 months.

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**]

FIPEKEMLQV	GSEDAQMHAL	FADSFAALGR	LDNITLVMVF	HPQYLESFLK	GHGPSR
TQHILLQMDG	PLPLHYRHYI	GIMAAARHQC	SYLVNLHVSD	FLHVGGDPKW	
LNGLENAPQK	LQNLGELNKV	LAHRPWLITK	EHIEGLLKAE	EHSWSLAELV	
HAVVLLTHYH	SLASFTFGCG	ISPEIHCDGG	HTFRPPSVSN	YCICDITNGN	
HSVDEMQVNS	AGNASVSDSF	FEVEALMEKM	RQLQECREEE	EASQEEMASR	
FEMEKRESMF	VFSSDDDEV	PARDVSRHFE	DTSYGYKDFS	RHGMHVPTFR	
VQDYCWEDHG	YSLVNRLYPD	VGQLIDEKFH	IAYNLTYNTM	AMHKDVDTSM	
LRRAIWNYIH	CMFGIRYDDY	DYGEINQLLD	RSFKVYIKTV	VCTPEKVTKR	
MYDSFWRQFK	HSEKVHVNLL	LIEARMQAEL	LYALRAITRY	MT	

[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.