

Recombinant Mouse Sesn3 Protein, His-tagged

Cat. No. Sesn3-2053M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sesn3 Protein (Thr37-Thr492) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Thr37-Thr492
Description	Predicted to enable leucine binding activity and oxidoreductase activity, acting on peroxide as acceptor. Involved in several processes, including TORC2 signaling; glucose homeostasis; and regulation of signal transduction. Acts upstream of or within regulation of protein kinase B signaling. Part of TORC2 complex. Orthologous to human SESN3 (sestrin 3).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 56.7 kDa Accurate Molecular Mass: 57&47 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade 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.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

[Sesn3 sestrin 3 \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[Sesn3](#)

Synonyms

SESN3; sestrin 3; sestrin-3; SEST3; BC003348; MGC7182; 5630400E15Rik;

Gene ID

[75747](#)

mRNA Refseq

[NM_030261](#)

Protein Refseq

[NP_084537](#)

UniProt ID

[Q9CYP7](#)

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