

Recombinant Mouse Mrpl57 Protein, His-tagged

Cat. No. Mrpl57-1792M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Mrpl57 Protein (Met1-Ser102) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Ser102
Description	A structural constituent of ribosome. Acts upstream of or within translation. Located in mitochondrial ribosome. Is expressed in several structures, including early conceptus; gonad; heart; liver; and metanephros. Orthologous to human MRPL57 (mitochondrial ribosomal protein L57).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 15.7 kDa Accurate Molecular Mass: 15 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 accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

 Tel: 1-631-559-9269 1-516-512-3133

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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

[Mrpl57 mitochondrial ribosomal protein L57 \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[Mrpl57](#)

Synonyms

Mrpl57; mitochondrial ribosomal protein L57; Mrp63; AV005697; 2610025P17Rik; ribosomal protein 63, mitochondrial; mMRP63; mitochondrial ribosomal protein 63; mitochondrial ribosomal protein L53

Gene ID

[67840](#)

mRNA Refseq

[NM_026401](#)

Protein Refseq

[NP_080677](#)

UniProt ID

[Q9CQF8](#)

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