

Recombinant Mouse Cep57 Protein, His-tagged

Cat. No. Cep57-743M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cep57 Protein (Lys346-Tyr500) with His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Lys346-Tyr500
Description	Enables microtubule binding activity. Involved in protein homooligomerization. Acts upstream of or within spermatid development. Located in centrosome; cytoplasm; and nucleus. Is expressed in midbrain ventricular layer and telencephalon ventricular layer. Human ortholog(s) of this gene implicated in mosaic variegated aneuploidy syndrome 2. Orthologous to human CEP57 (centrosomal protein 57).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 21.3 kDa; Accurate Molecular Mass: 23 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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

[Cep57 centrosomal protein 57 \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[Cep57](#)

Synonyms

CEP57; centrosomal protein 57; centrosomal protein of 57 kDa; translokin; testis-specific protein 57; Tsp57; AI467480; mKIAA0092; 3110002L15Rik; 4921510P06Rik; 4931428M20Rik;

Gene ID

[74360](#)

mRNA Refseq

[NM_026665](#)

Protein Refseq

[NP_080941](#)

UniProt ID

[Q8CEE0](#)

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA