

Recombinant Rat Cep55 Protein, His-tagged

Cat. No. Cep55-742R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cep55 Protein (Met1-Leu261) with His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Met1-Leu261
Description	Predicted to enable identical protein binding activity. Predicted to be involved in cranial skeletal system development; establishment of protein localization; and midbody abscission. Predicted to be located in several cellular components, including Flemming body; centriolar satellite; and intercellular bridge. Predicted to be active in midbody. Human ortholog(s) of this gene implicated in multinucleated neurons, anhydramnios, renal dysplasia, cerebellar hypoplasia and hydranencephaly. Orthologous to human CEP55 (centrosomal protein 55).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.9 kDa; Accurate Molecular Mass: 32 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

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

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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

Cep55 centrosomal protein 55 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Cep55

Synonyms

CEP55; centrosomal protein 55; centrosomal protein of 55 kDa; centrosomal protein 55kDa; RGD1305340; MGC116160;

Gene ID

294074

mRNA Refseq

NM_001025646

Protein Refseq

NP_001020817

UniProt ID

Q4V7C8

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