

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 |

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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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