Recombinant Mouse Cep55 Protein, His-tagged

Cat. No. Cep55-741M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cep55 Protein (Met1-Leu261) with His tag was expressed in E. coli.
Species	Mouse
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 act upstream of or within cell division. Located in intercellular bridge and midbody. Is expressed in germ cell of testis and ovary. 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: 33 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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 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 [Mus musculus (house mouse)]
Official Symbol	Cep55
Synonyms	CEP55; centrosomal protein 55; centrosomal protein of 55 kDa; 1200008O12Rik; 2700032M20Rik;
Gene ID	74107
mRNA Refseq	NM_001164362
Protein Refseq	NP_001157834
UniProt ID	Q8BT07

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