Recombinant Mouse Ccnd3 Protein, His-tagged

Cat. No. Ccnd3-643M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ccnd3 Protein (Met1-Leu292) with His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Leu292
Description	Enables cyclin-dependent protein serine/threonine kinase activity and protein kinase binding activity. Acts upstream of or within several processes, including T cell proliferation; negative regulation of transcription by RNA polymerase II; and regulation of insulin receptor signaling pathway. Located in cytoplasm and nucleus. Is expressed in several structures, including central nervous system; embryo mesenchyme; extraembryonic component; eye; and gonad. Orthologous to human CCND3 (cyclin D3).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 36.1 kDa; Accurate Molecular Mass: \
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

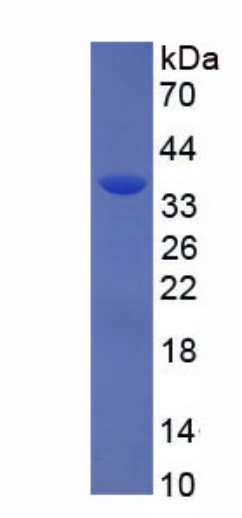
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. 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	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Ccnd3 cyclin D3 [Mus musculus (house mouse)]
Official Symbol	Ccnd3
Synonyms	CCND3; cyclin D3; G1/S-specific cyclin-D3; C78795; AA682053; AL024085; AW146355; 9230106B05Rik;
Gene ID	12445
mRNA Refseq	NM_001081635
Protein Refseq	NP_001075104
UniProt ID	P30282

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