

Recombinant Mouse Knl1 protein, His & T7-tagged

Cat. No. Knl1-1723M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Knl1 aa. (Met1~Ser230 (Accession # Q66JQ7)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Met1~Ser230
Form	Freeze-dried powder
Molecular Mass	33kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.
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°C 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°C for one month. Aliquot and store at

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-80°C for 12 months.

Storage buffer

Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

Reconstitution

Reconstitute in sterile ddH₂O.

Isoelectric Point

8.2

GENE INFORMATION

Gene Name

[Knl1 kinetochore scaffold 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[Knl1](#)

Synonyms

Knl1; kinetochore scaffold 1; Casc5; 2310043D08Rik; 5730505K17Rik; kinetochore scaffold 1; protein CASC5; cancer susceptibility candidate 5; kinetochore-null protein 1

Gene ID

[76464](#)

mRNA Refseq

[NM_029617.2](#)

Protein Refseq

[NP_083893.2](#)

UniProt ID

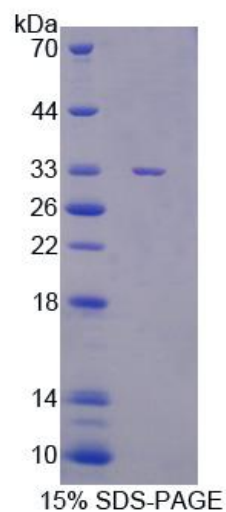
[Q66JQ7](#)

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SDS-PAGE



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