

Recombinant Rat KI protein, His & GST-tagged

Cat. No. KI-1563R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat KI aa. (Leu517~Leu956) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Leu517~Leu956
Description	May be involved in suppression of aging phenotypes.
Form	Freeze-dried powder
Molecular Mass	80kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
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.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 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.
Isoelectric Point	6.4

GENE INFORMATION

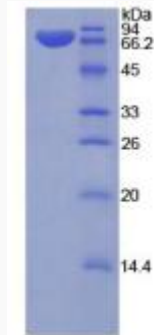
Gene Name	KI Klotho [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	KI
Synonyms	KI; Klotho
Gene ID	83504
mRNA Refseq	NM_031336.1
Protein Refseq	NP_112626.1
UniProt ID	Q9Z2Y9

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SDS-PAGE



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