Recombinant Rat Rnls protein, His & T7-tagged

Cat. No. Rnls-8107R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Rnls aa. (Ala18~Ser150 (Accession # Q5U2W9)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ala18~Ser150
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.9.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the

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	Arrhenius equation.) The loss of this protein 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 -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Rnls renalase, FAD-dependent amine oxidase [Rattus norvegicus (Norway rat)]
Official Symbol	Rnls
Synonyms	RGD1309804; MAO-C; alpha-NAD(P)H oxidase/anomerase; monoamine oxidase-C; renalase
Gene ID	361751
mRNA Refseq	NM_001014167.1
Protein Refseq	NP_001014189.1
UniProt ID	Q5U2W9

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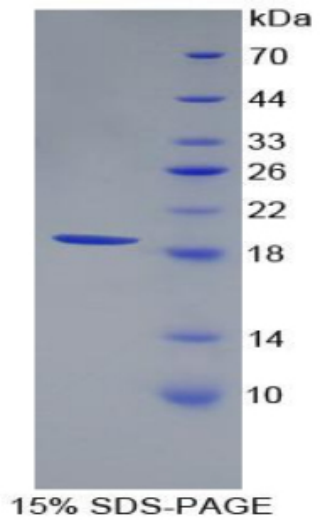
SDS-PAGE	 15% SDS-PAGE

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