Recombinant Rat mt-Nd5 protein, His-tagged

Cat. No. mt-Nd5-1619R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat mt-Nd5 aa. (Arg425~Lys562) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Arg425~Lys562
Form	Freeze-dried powder
Molecular Mass	17kDa 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.
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 liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	10

GENE INFORMATION

Gene Name	mt-Nd5 NADH dehydrogenase 5, mitochondrial [Rattus norvegicus (Norway rat)]
Official Symbol	mt-Nd5
Synonyms	mt-Nd5; NADH dehydrogenase 5, mitochondrial; ND5; NADH dehydrogenase subunit 5
Gene ID	26202
Protein Refseq	YP_665639.1
UniProt ID	P11661

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