

Recombinant Rat Nr1d2 protein, His & GST-tagged

Cat. No. Nr1d2-1082R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Nr1d2 aa. (Lys249~Pro578 (Accession # Q63504) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Lys249~Pro578
Description	This gene encodes a member of the nuclear hormone receptor family, specifically the NR1 subfamily of receptors. The encoded protein functions as a transcriptional repressor and may play a role in circadian rhythms and carbohydrate and lipid metabolism.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 67.3kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 6.5.
Applications	SDS-PAGE; WB; ELISA; IP.

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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 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% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Nr1d2 nuclear receptor subfamily 1, group D, member 2 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Nr1d2
Synonyms	Nr1d2; nuclear receptor subfamily 1, group D, member 2; HZF-2; nuclear receptor subfamily 1 group D member 2; EAR4; Rev-ErbA-beta; Rev-erb-Beta2; orphan nuclear receptor HZF-2; orphan receptor; rev-erb-beta
Gene ID	259241
mRNA Refseq	NM_147210.2
Protein Refseq	NP_671743.2

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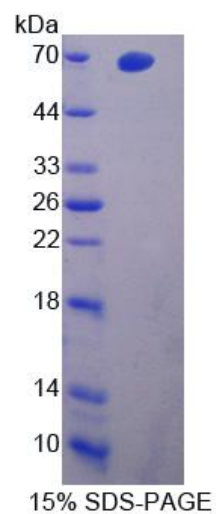
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UniProt ID

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SDS-PAGE

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