

Recombinant Rat Nr1i2 protein, His & GST-tagged

Cat. No. Nr1i2-1086R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Nr1i2 aa. (Tyr246-Gly431 (Accession # Q9R1A7) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Tyr246-Gly431
Description	Involved in the induction of cytochrome P4503A (CYP3A).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 48.7kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.5.
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

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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% sucrose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

Nr1i2 nuclear receptor subfamily 1, group I, member 2 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Nr1i2

Synonyms

Nr1i2; nuclear receptor subfamily 1, group I, member 2; PXR; nuclear receptor subfamily 1 group I member 2; nuclear receptor subfamily 1, group 1, member 2; orphan nuclear receptor PXR; pregnane X receptor (nuclear receptor sub family 1, group I, member 2)

Gene ID

84385

mRNA Refseq

NM_052980.2

Protein Refseq

NP_443212.1

UniProt ID

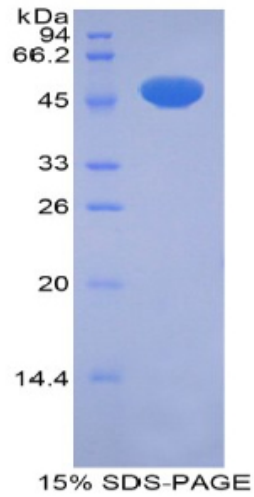
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SDS-PAGE



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