

Recombinant Human NR1H4 Protein, His/GST-tagged

Cat. No. NR1H4-156H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NR1H4(Leu211~Gln486) fused with His/GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Leu211~Gln486
Description	This gene encodes a ligand-activated transcription factor that shares structural features in common with nuclear hormone receptor family members. This protein functions as a receptor for bile acids, and when bound to bile acids, binds to DNA and regulates the expression of genes involved in bile acid synthesis and transport. Alternatively spliced transcript variants encoding different isoforms have been described.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	62.22kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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If bio-activity of the protein is needed, please check active protein

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 centigrade 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 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

NR1H4 nuclear receptor subfamily 1, group H, member 4 [Homo sapiens]

Official Symbol

NR1H4

Synonyms

NR1H4; nuclear receptor subfamily 1, group H, member 4; bile acid receptor; FXR; HRR 1; HRR1; RIP14; farnesol receptor HRR-1; RXR-interacting protein 14; farnesoid X nuclear receptor; farnesoid X-activated receptor; retinoid X receptor-interacting protein 14; BAR; HRR-1; MGC163445;

Gene ID

9971

mRNA Refseq

NM_001206977

Protein Refseq

NP_001193906

MIM

603826

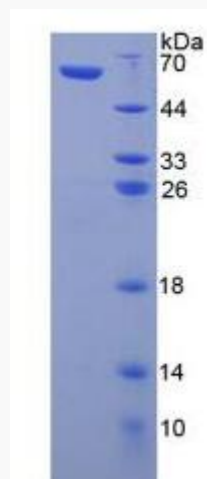
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UniProt ID

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