

## Recombinant Human NR1H4 Protein, GST-tagged

Cat. No. NR1H4-6071H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human NR1H4 full-length ORF (ADR83011.1, 1 a.a. - 476 a.a.) recombinant protein with GST tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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. [provided by RefSeq, Feb 2016]
<b>Molecular Mass</b>	78.8 kDa
<b>AA Sequence</b>	<p>MGSKMNLIEHSHLPTTDEFSENLFGVLTEQVAGPLGQNLEVEPYSQYSNVQFPQ  VQPQISSSSYYSNLGFYPQQPEEWYSPGIYELRRMPAETLYQGETEVAEMPVTKKP  RMGASAGRIKGDLCVCGDRASGYHYNALTCEGCKGFFRRSITKNAVYKCKNGG  NCVMDMYMRRKCQECRLRKCKEMGMLAECMYTGLLTEIQCKSKRLRKNVKQHAD  QTVNEDSEGRDLRQVTSTTKSCREKTELTPDQQTLLHFIMDSYNKQRMPQEITNKIL  KEEFSAEENFLILTEMATNHVQVLVEFTKKLPGFQTLDHEDQIALLKGSVEAMFLRS  AEIFNKKLPSGHSDLLEERIRNSGISDEYITPMFSFYKSIGELKMTQEEYALLTAIVILSP  DRQYIKDREAVEKLEPLLDVLQKLCKIHQPENPQHFACLLGRLTELRTFNHHHAEM</p>

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LMSWRVNDHKFTPLLCEIWDVQ

**Applications**

Enzyme-linked Immunoabsorbent Assay  
 Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Notes**

Best use within three months from the date of receipt of this protein.

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**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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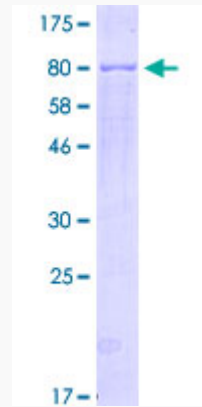
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UniProt ID

Q96R11

Quality Control

Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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