

Recombinant Human NR1H4 protein, GST-tagged

Cat. No. NR1H4-7866H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NR1H4 protein(215-476 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	215-476 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	NVKQHADQTVNEDSEGRDLRQVTSTTKSCREKTELTDPDQQTLLHFIMDSYNKQRMP QEITNKILKEEFSAEENFLITEMATNHVQVLVEFTKKLPGFQTLDHEDQIALLKGS AV EAMFLRSAEIFNKKLPSGHSDDLLEERIRNSGISDEYITPMFSFYKSIGELKMTQEEYAL LTAIVILSPDRQYIKDREAVEKLQEPLLDVLQKLCKIHQPENPQHFACLLGRLTELRTF NHHHAEMLSWRVNDHKFTPLLCEIWDVQ
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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

UniProt ID Q96RI1

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SDS-PAGE



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