Recombinant Human NR1H4 protein, His-tagged

Cat. No. NR1H4-7867H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NR1H4 protein(1-121 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-121 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	MGSKMNLIEHSHLPTTDEFSFSENLFGVLTEQVAGPLGQNLEVEPYSQYSNVQFPQ VQPQISSSSYYSNLGFYPQQPEEWYSPGIYELRRMPAETLYQGETEVAEMPVTKKP RMGASAGRI
Purity	85%, 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.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25

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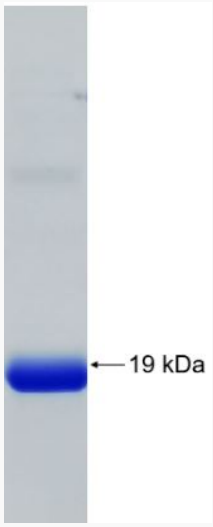
	g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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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