

Recombinant Human NR1H3 protein, His-tagged

Cat. No. NR1H3-1355H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NR1H3 protein(104-402 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	104-402 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 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	KCQECRLRKCRQAGMREECVLSEEQIRLKKLKRQEEEQAHATSLPPRASSPPQILP QLSPEQLGMIEKLVAQQQCNRRSFSDDLRLVTPWPMAPDPHSREARQQRFAHFTE LAIVSVQEIVDFAKQLPGFLQLSREDQIALLKTS AIEVM LLET SRRYNPGSESITFLKDF SYNREDFAKAGLQVEFINPIFEFSRAMNELQLNDAEFALLIAISIFSADRPNVQDQLQV ERLQHTYVEALHAYVSIHHPHDLRMFPRMLMKLVSLRTLSSVHSEQVFALRLQDKKL PPLLSEIWDVHE
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

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repeat freeze-thaw cycles.

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 NR1H3 nuclear receptor subfamily 1, group H, member 3 [Homo sapiens]

Official Symbol NR1H3

Synonyms

NR1H3; nuclear receptor subfamily 1, group H, member 3; oxysterols receptor LXR-alpha; liver X receptor alpha; LXR α; RLD 1; liver X nuclear receptor alpha variant 1; LXRA; LXR-α; RLD-1;

Gene ID 10062

mRNA Refseq NM_001130101

Protein Refseq NP_001123573

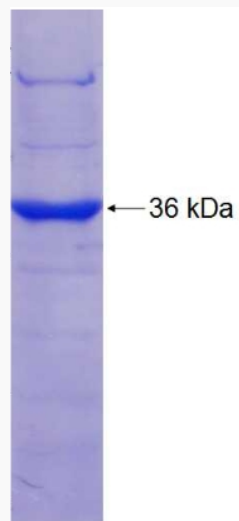
MIM 602423

UniProt ID Q13133

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SDS-PAGE

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