

Recombinant Human NR1H3 Protein, His-tagged

Cat. No. NR1H3-159H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NR1H3(Asn95~Lys434) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asn95~Lys434
Description	The protein encoded by this gene belongs to the NR1 subfamily of the nuclear receptor superfamily. The NR1 family members are key regulators of macrophage function, controlling transcriptional programs involved in lipid homeostasis and inflammation. This protein is highly expressed in visceral organs, including liver, kidney and intestine. It forms a heterodimer with retinoid X receptor (RXR), and regulates expression of target genes containing retinoid response elements. Studies in mice lacking this gene suggest that it may play an important role in the regulation of cholesterol homeostasis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	41kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)

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Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. 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 or others

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 a; RLD 1; liver X nuclear receptor alpha variant 1; LXRA; LXR-a; RLD-1;
Gene ID	10062
mRNA Refseq	NM_001130101
Protein Refseq	NP_001123573

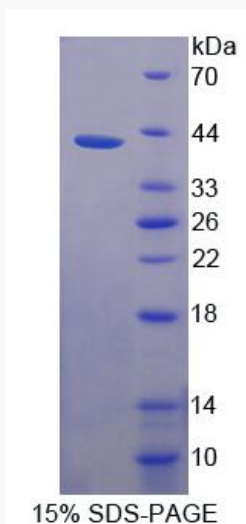
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