

# Recombinant Full Length Human NR1H2 Protein, GST-tagged

**Cat. No.** NR1H2-6696HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human NR1H2 full-length ORF ( AAH07790.1, 1 a.a. - 461 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	461 amino acids
<b>Description</b>	The LX receptors (LXRs) were originally identified as orphan members of the nuclear receptor superfamily because their ligands were unknown. Like other receptors in the family, LXRs heterodimerize with retinoid X receptor (see MIM 180245) and bind to specific response elements (LXREs) characterized by direct repeats separated by 4 nucleotides. Two genes, alpha (LXRA, MIM 602423) and beta, are known to encode LXR proteins (Song et al., 1995 [PubMed 7625741]).[supplied by OMIM
<b>Molecular Mass</b>	76.45 kDa
<b>AA Sequence</b>	MSSPTTSSLDTPLPGNGPPQPGAPSSSPTVKEEGPEPWPGGPDVPGTDEASSA CSTDWVIPDPEEERKRKKGPAPKMLGHELRCVCGDKASGFHYNVLSCEGCKGF FRRSVVRGGARRYACRGGGTCQMDAFMRRKCQQCRLRKCKEAGMREQCVLSEE QIRKKKIRKQQQQESQSQSQSPVGPQGSSSSASGPGASPGGSEAGSQGSGELEG VQLTAAQELMIQQLVAAQLQCNKRSFSDQPKVTPWPLGADPQSRDARQQRFAHFT ELAIISVQEIVDFAKQVPGFLQLGREDQIALLKASTIEIMLLETARRYNHETECITFLKDF TYSKDDFHRAGLQVEFINPIFEFSRAMRRLGLDDAEYALLIAINIFSADRPNVQEPGR

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VEALQQPYVEALLSYTRIKRPQDQLRFPRMLMKLVSLRTLSSVHSEQVFALRLQDKK  
LPPLLSEIWDVHE

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	NR1H2 nuclear receptor subfamily 1, group H, member 2 [ Homo sapiens ]
<b>Official Symbol</b>	NR1H2
<b>Synonyms</b>	NR1H2; nuclear receptor subfamily 1, group H, member 2; ubiquitously expressed nuclear receptor , UNR; oxysterols receptor LXR-beta; liver X receptor beta; LXR b; NER; NER I; RIP15; LX receptor beta; nuclear receptor NER; liver X nuclear receptor beta; nuclear orphan receptor LXR-beta; steroid hormone-nuclear receptor NER; ubiquitously-expressed nuclear receptor; UNR; LXRb; LXR-b; NER-I; FLJ17564;
<b>Gene ID</b>	7376
<b>mRNA Refseq</b>	NM_001256647
<b>Protein Refseq</b>	NP_001243576

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<b>MIM</b>	600380
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<b>UniProt ID</b>	P55055
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