

Recombinant Full Length Human NR1H2 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human NR1H2 full-length ORF (AAH07790.1, 1 a.a. - 461 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	461 amino acids
Description	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]
Molecular Mass	76.45 kDa
AA Sequence	MSSPTTSSLDTPLPGNGPPQPGAPSSSPTVKEEGPEPWPGGPDVPGTDEASSA CSTDWVIPDPEEEPERKRKKGPAPKMLGHELRCVCGDKASGFHYNVLSCEGCKGF FRRSVVRGGARRYACRGGGTCQMDAFMRRKCQQCRLRKCKEAGMREQCVLSEE QIRKKKIRKQQQQESQSQSQSPVGPQGSSSSASGPGASPGGSEAGSQGSGELEG VQLTAAQELMIQQLVAAQLQCNKRSFSDQPKVTPWPLGADPQSRDARQQRFAHFT ELAIISVQEIVDFAKQVPGFLQLGREDQIALLKASTIEIMLLETARRYNHETECITFLKDF TYSKDDFHRAQLQVEFINPIFEFSRAMRRLGLDDAEYALLIAINIFSADRPNVQEPGR

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

GENE INFORMATION

Gene Name	NR1H2 nuclear receptor subfamily 1, group H, member 2 [Homo sapiens]
Official Symbol	NR1H2
Synonyms	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;
Gene ID	7376
mRNA Refseq	NM_001256647
Protein Refseq	NP_001243576

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MIM	600380
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UniProt ID	P55055
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