

Active Recombinant Full Length Human NR1H2 Protein, C-Flag-tagged

Cat. No. NR1H2-226HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human NR1H2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The liver X receptors, LXRA and LXRβ, form a subfamily of the nuclear receptor superfamily and are key regulators of macrophage function, controlling transcriptional programs involved in lipid homeostasis and inflammation. The inducible LXRA is highly expressed in liver, adrenal gland, intestine, adipose tissue, macrophages, lung, and kidney, whereas LXRβ is ubiquitously expressed. Ligand-activated LXRs form obligate heterodimers with retinoid X receptors and regulate expression of target genes containing LXR response elements.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Bio-activity	Surface Plasmon Resonance (SPR)
Molecular Mass	50.9 kDa
AA Sequence	MSSPTTSSLDTPLPGNGPPQPGAPSSSPTVKEEGPEPWGGPDVPGTDEASSA CSTDWVIPDPEEEPE RKRKKGPAKMLGHELRCVCGDKASGFHYNVLSCEGCKGF FRRSVVRGGARRYACRGGGTCQMDAFMRRK CQCRLRKCKEAGMREQCVLSEE

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QIRKKKIRKQQQQESQSQSPVGPQGSSSSASGPGASPGGSEAGSQ GSGEGEG
VQLTAAQELMIQQLVAAQLQCNKRSFSDQPKVTPWPLGADPQSRDARQQRFHFT
ELAIISVQ EIVDFAKQVPGLQLGREDQIALLKASTIEIMLLETARRYNHETECITFLKD
FTYSKDDFHRAGLQVEFI NPIFEFSRAMRRLGLDDAEYALLIAINIFSADRPNVQEPG
RVEALQQPYVEALLSYTRIKRPQDQLRFPR
MLMKLVSLRTLSSVHSEQVFALRLQDKKLPLLSEIWDVHETRTRPLEQKLISEEDLA
ANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors
Full Length	Full L.

GENE INFORMATION

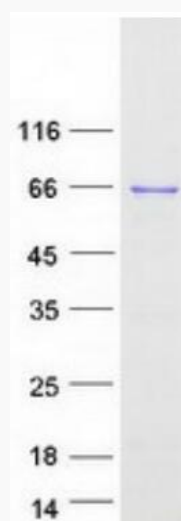
Gene Name	NR1H2 nuclear receptor subfamily 1 group H member 2 [Homo sapiens (human)]
Official Symbol	NR1H2
Synonyms	NER; UNR; LXRb; LXR-b; NER-I; RIP15

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Gene ID	7376
mRNA Refseq	NM_007121.7
Protein Refseq	NP_009052.4
MIM	600380
UniProt ID	P55055



Coomassie blue staining of purified NR1H2 protein.