NR1H2 Lysate – Tissue Lysate

PRODUCT OVERVIEW

Product Name	NR1H2, Lysate
Full Product Name	Human NR1H2 Protein Lysate
Product Gene Name	NR1H2 lysate
Product Synonym Names	NR1H2; LXR-b; LXRB; NER; NER-I; RIP15; UNR
Host	Human
Form/Format	Lyophilized
Preparation and Storage	Store at -20 degree C Once reconsituted, aliquot and store any remaining material at-20 degree C to avoid repeated freeze-thaw cycles.
Molecular Weight	39,920 Da
OMIM	600380
3D Structure	ModBase 3D Structure for P55055
Related Product Information for NR1H2 lysate	Human NR1H2 Protein Lysate 20ug is provided as a Lyophilized powder. This is a Recombinant Protein Lysate produced in HEK293T cells. This protein lysate can be reconsituted using SDS Sample Buffer.
Other Notes	Small volumes of NR1H2 lysate vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for NR1H2 purchase	MBS8416213 is a lysate targeting NR1H2. Also known as Human NR1H2 Protein Lysate. Host: Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NR1H2. It may not necessarily be applicable to this product.

NCBI GI #	85362735
NCBI GeneID	7376
NCBI Accession #	NP_009052
UniProt Primary Accession #	P55055
UniProt Secondary Accession #	Q12970; Q5I0Y1; A8K490; B4DNM6; E7EWA6
UniProt Related Accession #	P55055
GenBank Nucleotide #	NM_007121
NCBI Official Full Name	oxysterols receptor LXR-beta isoform 1
NCBI Official Synonym Full Names	nuclear receptor subfamily 1, group H, member 2
NCBI Official Symbol	NR1H2
NCBI Official Synonym Symbols	NER; UNR; LXRB; LXR-b; NER-I; RIP15
UniProt Protein Name	Oxysterols receptor LXR-beta

UniProt Synonym Protein Names	Liver X receptor beta; Nuclear receptor NER; Nuclear receptor subfamily 1 group H member 2; Ubiquitously-expressed nuclear receptor
Protein Family	Oxysterols receptor
UniProt Gene Name	NR1H2
UniProt Synonym Gene Names	LXRB; NER; UNR
UniProt Entry Name	NR1H2_HUMAN
NCBI Protein Information	oxysterols receptor LXR-beta; LX receptor beta; liver X nuclear receptor beta; nuclear orphan receptor LXR-beta; nuclear receptor NER; steroid hormone-nuclear receptor NER; ubiquitously-expressed nuclear receptor
UniProt Comments for NR1H2	LXR-beta: Orphan receptor. Binds preferentially to double-stranded oligonucleotide direct repeats having the consensus half-site sequence 5'-AGGTCA-3' and 4-nt spacing (DR-4). Regulates cholesterol uptake through MYLIP-dependent ubiquitination of LDLR, VLDLR and LRP8. Forms a heterodimer with RXR. Ubiquitous. Belongs to the nuclear hormone receptor family. NR1 subfamily. Protein type: Nuclear receptor Chromosomal Location of Human Ortholog: 19q13.3 Cellular Component: nucleoplasm; cytoplasm; nucleus Molecular Function: retinoid X receptor binding; ligand-dependent nuclear receptor activity; protein binding; DNA binding; zinc ion binding; steroid hormone receptor activity; apolipoprotein A-I receptor binding; ATPase binding Biological Process: negative regulation of lipid transport; negative regulation of proteolysis; retinoic acid receptor signaling pathway; positive regulation of fatty acid biosynthetic process; transcription initiation from RNA polymerase II promoter; positive regulation of cellular protein metabolic process; cellular lipid metabolic process; negative regulation of pinocytosis; negative regulation of transcription from RNA polymerase II promoter; positive regulation of cholesterol transport; cholesterol homeostasis; positive regulation of lipoprotein lipase activity; gene expression; steroid hormone mediated signaling; positive regulation of transcription from RNA polymerase II promoter; negative regulation of transcription, DNA-dependent
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