Recombinant Human NR1D2

Cat. No. NR1D2-30452TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length human NR1D2 expressed in baculovirus system; amino acids 1-408, 46kDa.
Species	Human
ProteinLength	1-408 a.a.
Description	This gene encodes a member of the nuclear hormone receptor family, specifically the NR1 subfamily of receptors. The encoded protein functions as a transcriptional repressor and may play a role in circadian rhythms and carbohydrate and lipid metabolism. Alternatively spliced transcript variants have been described.
Biological activity	NR1D2-30452TH contains no detectable proteases, DNase and RNase activity.
Form	Liquid
Purity	Immunogen affinity purified
Storage buffer	Preservative: NoneConstituents: 20% Glycerol, 20mM Tris Cl, 100mM Potassium chloride, 1mM DTT, 0.2mM EDTA, pH 8.0
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence	Belongs to the nuclear hormone receptor family. NR1 subfamily.Contains 1 nuclear

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Similarities	receptor DNA-binding domain.
Full Length	Full L.

GENE INFORMATION

Gene Name	NR1D2 nuclear receptor subfamily 1, group D, member 2 [Homo sapiens]
Official Symbol	NR1D2
Synonyms	NR1D2; nuclear receptor subfamily 1, group D, member 2; nuclear receptor subfamily 1 group D member 2; BD73; EAR 1r; Hs.37288; HZF2; RVR;
Gene ID	9975
mRNA Refseq	NM_001145425
Protein Refseq	NP_001138897
MIM	602304
Uniprot ID	Q14995
Chromosome Location	3p24.1
Pathway	Diurnally regulated genes with circadian orthologs, organism-specific biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Nuclear Receptor transcription pathway, organism-specific biosystem; Nuclear Receptors, organism-specific biosystem;
Function	ligand-dependent nuclear receptor activity; metal ion binding; receptor activity;

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	sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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