

Recombinant Human NR113

Catalog No: #GP12808



Package Size: #GP12808-1 100ug

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Description

Product Name	Recombinant Human NR113
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 153-352 amino acids of human NR113
Target Name	nuclear receptor subfamily 1 group I member 3
Other Names	CAR; CAR1; MB67
Accession No.	Swissprot:Q14994Gene Accession:BC069626
Uniprot	Q14994
GeneID	9970;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a member of the nuclear receptor superfamily, and is a key regulator of xenobiotic and endobiotic metabolism. The protein binds to DNA as a monomer or a heterodimer with the retinoid X receptor and regulates the transcription of target genes involved in drug metabolism and bilirubin clearance, such as cytochrome P450 family members. Unlike most nuclear receptors, this transcriptional regulator is constitutively active in the absence of ligand but is regulated by both agonists and inverse agonists. Ligand binding results in translocation of this protein to the nucleus, where it activates or represses target gene transcription. These ligands include bilirubin, a variety of foreign compounds, steroid hormones, and prescription drugs. Multiple transcript variants encoding different isoforms have been found for this gene.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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