Recombinant Human NR1I2 Protein (S130-S434), Tag Free

Cat. No. NR1I2-0773H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human (G)-PXR(S130-S434 end)-GGSGGSSHSSLTERHKILHRLLQEGSPS Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	S130-S434
Description	Nuclear receptor that binds and is activated by variety of endogenous and xenobiotic compounds. Transcription factor that activates the transcription of multiple genes involved in the metabolism and secretion of potentially harmful xenobiotics, drugs and endogenous compounds. Activated by the antibiotic rifampicin and various plant metabolites, such as hyperforin, guggulipid, colupulone, and isoflavones. Response to specific ligands is species-specific. Activated by naturally occurring steroids, such as pregnenolone and progesterone. Binds to a response element in the promoters of the CYP3A4 and ABCB1/MDR1 genes.
Form	Liquid
Endotoxin	< 0.01 EU per μg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	NR1I2 nuclear receptor subfamily 1, group I, member 2 [Homo sapiens (human)]
Official Symbol	NR1I2
Synonyms	NR1I2; nuclear receptor subfamily 1, group I, member 2; nuclear receptor subfamily 1 group I member 2; BXR; ONR1; PAR2; PXR; SXR; pregnane X receptor; orphan nuclear receptor PXR; orphan nuclear receptor PAR1; steroid and xenobiotic receptor; pregnane X nuclear receptor variant 2; PAR; PRR; SAR; PAR1; PARq;
Gene ID	8856
mRNA Refseq	NM_003889
Protein Refseq	NP_003880
MIM	603065
UniProt ID	O75469

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA