Recombinant Human NR1I2 Protein (Ser130-Ile431), His tagged

Cat. No. NR1I2-5260H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NR1I2 (Ser130-Ile431) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser130-Ile431
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	Lyophilized powder/frozen liquid
Molecular Mass	34.89 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.

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Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

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

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