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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

NR1I2 (Human) Recombinant Protein (P01)

Catalog Number: H00008856-P01

Regulation Status: For research use only (RUO)

Product Description: Human NR1I2 full-length ORF (NP_003880.3, 1 a.a. - 434 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MEVRPKESWNHADVFVHCEDTESVPGKPSVNADEEVG
GPQICRVCGDKATGYHFNVMTCGCKGFFRRAMKRN
ARLRCPFRKGACEITRKRTRQCACLRKCLESGMKK
EMIMSDEAVEERRALIKRKKCERTGTQPLGVQGLTEE
QRMMIRELMDAQMKTFDITFSHFKNFRLPGVLSSGCE
LPESLQAPSREEAAKWSQVRKDLCSLKVSLQLRGEDG
SVWNYKPPADSGGKEIFSLPHMADMSTYMFKGIISFA
KVISYFRDLPIEDQISLLKGAAFELCQLRFNTVFNAETG
TWEGRLSYCLEDTAGGFQQLLLEPMLKFHYMLKKLQ
LHEEEYVLMQAISLFSFDRPGVLQHRVVDQLQEQAIF
LKSYIECNRPQPAHRFLFKIMAMLTLSINAQHTQRL
LRIQDIHPFATPLMQELFGITGS

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 76.2

Interspecies Antigen Sequence: Mouse (77); Rat (76)

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 8856

Gene Symbol: NR1I2

Gene Alias: BXR, ONR1, PAR, PAR1, PAR2, PARq, PRR, PXR, SAR, SXR

Gene Summary: This gene product belongs to the nuclear receptor superfamily, members of which are transcription factors characterized by a ligand-binding domain and a DNA-binding domain. The encoded protein is a transcriptional regulator of the cytochrome P450 gene CYP3A4, binding to the response element of the CYP3A4 promoter as a heterodimer with the 9-cis retinoic acid receptor RXR. It is activated by a range of compounds that induce CYP3A4, including dexamethasone and rifampicin. Several alternatively spliced transcripts encoding different isoforms, some of which use non-AUG (CUG) translation initiation codon, have been described for this gene. Additional transcript variants exist, however, they have not been fully characterized. [provided by RefSeq]