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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CYP2A7 (Human) Recombinant Protein (P01)

Catalog Number: H00001549-P01

Regulation Status: For research use only (RUO)

Product Description: Human CYP2A7 full-length ORF (NP_000755.2, 1 a.a. - 494 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MLASGLLLVALLACLTVMVLMSVWQQRKSRGKLP
TLPFIGNYLQLNTEHICDSIMKFSECYGPVFTIHLGPR
RVVVLGHDVAVREALVDQAEFSGRGEQATFDWVFK
GYGVAFSNGERAKQLLRFAIATLRDFGVGKRGIEERIQ
EESGLIEAIRSTHGANIDPTFFLSRTVSNVISSIVFGDR
FDYEDKEFLSLLSMMLGIFQFTSTSTGQLYEMFSSVMK
HLPGPQQQAFKLLQGLEDFIAKKVEHNQRTLDPNSPQ
DFIDSFLIHMQEEEKNPNTFYLKNNLMMSTLNLFIAAGTE
TVSTTLRYGFLLLMKHPEVEAKVHEEIDRVIGKNRQPK
FEDRTKMPYMEAVIHEIQRFQDVIPMSLARRVKKDTKF
RDFFLPKGTEVFPMLGSLRDPSSFPNPQDFNPQHFL
DDKGQFKKSDAFVPFSIGKRNCFGEGGLARMELFFFT
TVMQNFRLKSSQSPKDIDVSPKHVVVFATIPRNYTMSFL
PR

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 82.8

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: 1549

Gene Symbol: CYP2A7

Gene Alias: CPA7, CPAD, CYP2A, CYP11A7, P450-11A4

Gene Summary: This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the endoplasmic reticulum; its substrate has not yet been determined. This gene, which produces two transcript variants, is part of a large cluster of cytochrome P450 genes from the CYP2A, CYP2B and CYP2F subfamilies on chromosome 19q. [provided by RefSeq]