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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CYP2A13 (Human) Recombinant Protein (P01)

Catalog Number: H00001553-P01

Regulation Status: For research use only (RUO)

Product Description: Human CYP2A13 full-length ORF (AAI53001.1, 1 a.a. - 494 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MLASGLLLVTLACLTVMLMSVWRQRKSRGKLP
TLPFIGNYLQLNTEQMYNSLMKISERYGPVFTIHLGP
RRVVVLCGHDAVKEALVDQAEFSGRGEQATFDWLF
KGYGVAFSNGERAKLRRFSIATLRGFGVKGRIEERI
QEEAGFLIDALRGTHGANIDPTFFLSRTVSNVISSIVFG
DRFDYEDKEFLSLLRMMMLGSFQFTATSTGQLYEMFSS
VMKHLPGPQQQAFKELQGLEDFIAKKVEHNQRTLDPN
SPRDFIDSFLIRMQEEEEKNPNTFYLKNLVMTTLNLFFA
GTETVSTTLRYGFLLLMKHPEVEAKVHEEIDRVIGKNR
QPKFEDRAKMPYTEAVIHEIQRFDMPLMGLAHRVVK
DTKFRDFFLPKGTEVFPMLGSVLRDPRFFSNPRDFNP
QHFLDKKGQFKKSDAFVPFSIGKRYCFGEGLARMELF
LFFTTIMQNFRFKSPQSPKDIDVSPKHVGFATIPRNYT
MSFLPR

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 81.29

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: 1553

Gene Symbol: CYP2A13

Gene Alias: CPAD, CYP2A

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. Although its endogenous substrate has not been determined, it is known to metabolize 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone, a major nitrosamine specific to tobacco. This gene is part of a large cluster of cytochrome P450 genes from the CYP2A, CYP2B and CYP2F subfamilies on chromosome 19q. [provided by RefSeq]