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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

UGT1A6 (Human) Recombinant Protein (P01)

Catalog Number: H00054578-P01

Regulation Status: For research use only (RUO)

Product Description: Human UGT1A6 full-length ORF (AAH19861.1, 1 a.a. - 532 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MACLLRSFQRISAGVFFLALWGMVVGDKLLVVPQDGS
HWLSMKDIVEVLSDRGHEIVVVVPEVNLLLKESKYYTR
KIYPVPYDQEELKNRYQSFGNNHFAERSFLTAPQTEY
RNNMIVIGLYFINCQSLLQDRDTLNFFKESKFDALFTDP
ALPCGVILAEYLG LPSVYLF RGFPCSLEHTFSRSPDPV
SYIPRCYTKFSDHMTFSQRVANFLVNLLPEYLFYCLFS
KYEELASAVLKRVDIITLYQKVSVWLLRYDFVLEYPRP
VMPNMVFIGGINCKKRKDL SQEF EAYINASGEHGIVVF
SLGSMVSEIPEKKAMATADALGKIPQTVLWRYTGTRP
SNLANNTILVKWLPQNDLLGHPMTRAFITHAGSHGVYE
SICNGVPMVMMP LFGDQMDNAKRMETKGAGVTLNVL
EMTSEDLENALKAVINDKSYKENIMRLSSLHKDRPVEP
LDLAVFWVEFVMRHKGAPHLRPA AHDLTWYQYHSLD
VIGFLLAVVLTVAFITFKCCAYGYRKCLGKKGKRVKKAH
KSKTH

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 87.1

Interspecies Antigen Sequence: Mouse (78); Rat (80)

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: 54578

Gene Symbol: UGT1A6

Gene Alias: GNT1, HLUGP, HLUGP1, MGC29860, UDPGT, UGT1, UGT1A6S, UGT1F

Gene Summary: This gene encodes a UDP-glucuronosyltransferase, an enzyme of the glucuronidation pathway that transforms small lipophilic molecules, such as steroids, bilirubin, hormones, and drugs, into water-soluble, excretable metabolites. This gene is part of a complex locus that encodes several UDP-glucuronosyltransferases. The locus includes thirteen unique alternate first exons followed by four common exons. Four of the alternate first exons are considered pseudogenes. Each of the remaining nine 5' exons may be spliced to the four common exons, resulting in nine proteins with different N-termini and identical C-termini. Each first exon encodes the substrate binding site, and is regulated by its own promoter. The enzyme encoded by this gene is active on phenolic and planar compounds. Alternative splicing in the unique 5' end of this gene results in two transcript variants. [provided by RefSeq]