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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

UGT1A10 (Human) Recombinant Protein (P01)

Catalog Number: H00054575-P01

Regulation Status: For research use only (RUO)

Product Description: Human UGT1A10 full-length ORF (AAH20971, 1 a.a. - 530 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MARAGWTSPVPLCVCLLLTCGFAEAGKLLVVPMDGS
HWFTMQSVVEKLILRGHEVVVMPEVSWQLERSLNC
TVKTYSTSYTLEDQNFEMVFAHAQWKARASIFSL
MSSSSGFLDLFFSHCRSLFNDRKLVEYLKESFDAVFL
DPFDTCGLIVAKYFSLPSVVFTRGIFCHHLEEGAQCPA
PLSYVPNDLLGFSDAMTFKERVWNHIVHLEDHLFCQY
LFRNALEIASEILQTPVTAYDLYSHTSIWLLRTDFVLDYP
KPVMPNMIFIGGINCHQKPLPMEFEAYINASGEHGIV
VFSLGSMVSEIPEKKAMAIADALGKIPQTVLWRYTGTR
PSNLANNTILVKWLPQNDLLGHPMTRAFITHAGSHGVY
ESICNGVPMVMPLFGDQMDNAKRMETKGAGVTLNV
LEMTSEDLENALKAVINDKSYKENIMRLSSLHKDRPVE
PLDLAVFWVEFVMRHKGAPHLRPAAHDLTWYQYHSL
DVIGFLLAVVLTVAFITFKCCAYGYRKCLGKKGRVKKA
HKSKTH

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 84.04

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

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: 54575

Gene Symbol: UGT1A10

Gene Alias: UDPGT, UGT1J

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 has glucuronidase activity on mycophenolic acid, coumarins, and quinolines. [provided by RefSeq]