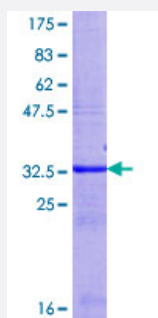


UGT2B15 (Human) Recombinant Protein (Q01)

Catalog # H00007366-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human UGT2B15 partial ORF (NP_001067.1, 85 a.a. - 160 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	DLEDSSLKILDRWIYGVSKNTFWSYFSQLQELCWEYYDYSNKLCKDAVLNKKLMMKLQESKFDVI LADALNPCGEL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.1
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
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.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — UGT2B15

Entrez GeneID	7366
GeneBank Accession#	NM_001076
Protein Accession#	NP_001067.1
Gene Name	UGT2B15
Gene Alias	UGT2B8
Gene Description	UDP glucuronosyltransferase 2 family, polypeptide B15
Omim ID	600069
Gene Ontology	Hyperlink
Gene Summary	The UGTs are of major importance in the conjugation and subsequent elimination of potentially toxic xenobiotics and endogenous compounds. UGT2B8 demonstrates reactivity with estriol. See UGT2B4 (MIM 600067).[supplied by OMIM]
Other Designations	UDP glycosyltransferase 2 family, polypeptide B15 UDP-glucuronosyltransferase UGT2B15 UDP-glucuronyltransferase, family 2, beta-15

Pathway

- [Androgen and estrogen metabolism](#)
- [Ascorbate and aldarate metabolism](#)
- [Drug metabolism - cytochrome P450](#)
- [Drug metabolism - other enzymes](#)

- [Metabolic pathways](#)
- [Metabolism of xenobiotics by cytochrome P450](#)
- [Pentose and glucuronate interconversions](#)
- [Porphyrin and chlorophyll metabolism](#)
- [Retinol metabolism](#)
- [Starch and sucrose metabolism](#)

Disease

- [Adenomatous Polyposis Coli](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cell Transformation](#)
- [Colon cancer](#)
- [Duodenal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)
- [Insulin Resistance](#)
- [Neoplasm Recurrence](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Psychometrics](#)
- [Psychomotor Performance](#)