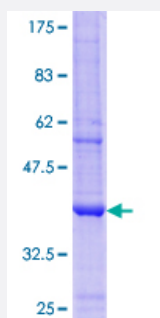


UGT2B4 (Human) Recombinant Protein (Q01)

Catalog # H00007363-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human UGT2B4 partial ORF (NP_066962.1, 25 a.a. - 124 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	KVLVWPTEFSHWMNIKTILDELVQRGHEVTVLASSASISFDPNSPSTLKFEVYPVSLTKTEFEDIK QLVKRWAELPKDTFWSYFSQVQEIMWTFNDILR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Rat (63)
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 — UGT2B4

Entrez GeneID	7363
GeneBank Accession#	NM_021139
Protein Accession#	NP_066962.1
Gene Name	UGT2B4
Gene Alias	UGT2B11
Gene Description	UDP glucuronosyltransferase 2 family, polypeptide B4
Omim ID	600067
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	UDP glycosyltransferase 2 family, polypeptide B4 UDP-glucuronyltransferase, family 2, beta-4

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](#)
- [Cardiovascular Diseases](#)
- [Colon cancer](#)
- [Diabetes Mellitus](#)
- [Duodenal Neoplasms](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)