

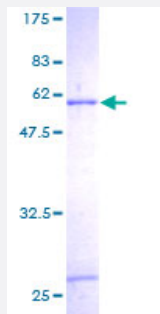
Full-Length

SULT1C1 (Human) Recombinant Protein (P01)

Catalog # H00006819-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SULT1C1 full-length ORF (AAH05353, 1 a.a. - 296 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MALTSDLGKQIKLKEVEGTLLQPATVDNWSQIQSFQAKPDDLICTYPKAGTTWQEVDMIEQNGD
VEKCQRAIIQHRHPFIEWARPPQPSGVEKAKAMPSRILKTHLSTQLLPSPFWENNCKFLYVARNA
KDCMVSYHFQRMNHMLPDPGTWEEYFETFINGKVWGSWFDHVKGWWEKDRHQILFLFYE
DIKRDPKHEIRKVMQFMGKKVDETVLDKIVQETSFEKMKENPMTNRSTVSKSILDQSISSFMRKGT
VGDWKNHFTVAQNERFDEIYRRKMEGTSINFCMEL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

58.30

Interspecies Antigen Sequence

Mouse (83)

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 — SULT1C2

Entrez GeneID[6819](#)**GeneBank Accession#**[BC005353](#)**Protein Accession#**[AAH05353](#)**Gene Name**

SULT1C2

Gene Alias

ST1C1, ST1C2, SULT1C1, humSULTC2

Gene Description

sulfotransferase family, cytosolic, 1C, member 2

Omim ID[602385](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds. These cytosolic enzymes are different in their tissue distributions and substrate specificities. The gene structure (number and length of exons) is similar among family members. This gene encodes a protein that belongs to the SULT1 subfamily, responsible for transferring a sulfo moiety from PAPS to phenol-containing compounds. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]

Other Designations

sulfotransferase 1C1|sulfotransferase family, cytosolic, 1C, member 1

Disease

- [Adenocarcinoma](#)
- [Esophageal Neoplasms](#)
- [Head and Neck Neoplasms](#)
- [Hearing Loss](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Recurrence](#)