

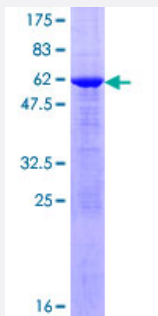
Full-Length

SULT1E1 (Human) Recombinant Protein (P01)

Catalog # H00006783-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SULT1E1 full-length ORF (AAH27956.1, 1 a.a. - 294 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MNSELDYYEKFEVHVGILMYKDFVKYWDNVEAFQARPDDLVIATYPKSGTTWVSEVYMYKEGDV
EKCKEDVIFNRIPFLECRKENLMNGVKQLDEMNSPRIVKTHLPPELLPASFWEKDCKIYLCRNAK
DVAVSFYFFLMVAGHPNPGSLPEFVEKFMQGGQVPYGSWYKHVKSWWEEKGKSPRVLFLFYEDL
KEDIRKEVIKLIHFLERKPSEELVDRIIHHTSFQEMKNNPSTNYTTLPDEIMNQKLSPFMRKGITGDW
KNHFTVALNEKFDKHYEQQMKESTLKFRTET

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

61.5

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 — SULT1E1

Entrez GeneID [6783](#)

GeneBank Accession# [BC027956.1](#)

Protein Accession# [AAH27956.1](#)

Gene Name SULT1E1

Gene Alias EST, EST-1, MGC34459, STE

Gene Description sulfotransferase family 1E, estrogen-preferring, member 1

Omim ID [600043](#)

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 transfers a sulfo moiety to and from estrone, which may control levels of estrogen receptors. [provided by RefSeq]

Other Designations estrogen sulfotransferase|estrone sulfotransferase|sulfotransferase, estrogen-preferring

Pathway

- [Androgen and estrogen metabolism](#)
- [Sulfur metabolism](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cryptorchidism](#)
- [Endometrial Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)
- [Kidney Failure](#)
- [Neoplasms](#)
- [Seminoma](#)
- [Testicular Neoplasms](#)
- [Tobacco Use Disorder](#)