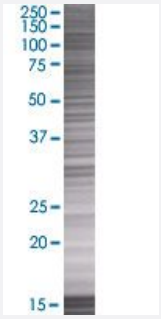
SULT2B1 293T Cell Transient Overexpression Lysate(Denatured)

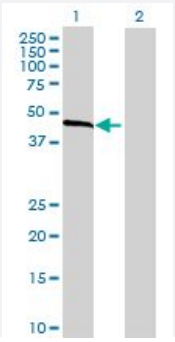
Catalog # H00006820-T01 Size 100 uL

Applications



SDS-PAGE Gel

SULT2B1 transfected lysate.



Western Blot

Lane 1: SULT2B1 transfected lysate (40.26 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-SULT2B1 full-length
Host	Human
Theoretical MW (kDa)	40.26
Interspecies Antigen Sequence	Mouse (74); Rat (77)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-SULT2B1 antibody (H00006820-B01) by Western Blots. SDS-PAGE Gel SULT2B1 transfected lysate. Western Blot Lane 1: SULT2B1 transfected lysate (40.26 KDa) Lane 2: Non-transfected lysate.
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — SULT2B1

Entrez GeneID	6820
GeneBank Accession#	NM_177973.1
Protein Accession#	NP_814444.1
Gene Name	SULT2B1
Gene Alias	HSST2
Gene Description	sulfotransferase family, cytosolic, 2B, member 1
Omim ID	604125
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 sulfates dehydroepiandrosterone but not 4-nitrophenol, a typical substrate for the phenol and estrogen sulfotransferase subfamilies. Two alternatively spliced variants that encode different isoforms have been described. [provided by RefSeq
Other Designations	-

Pathway

- Androgen and estrogen metabolism
- Sulfur metabolism

Disease

- Breast Neoplasms
- Disease Progression
- Genetic Predisposition to Disease
- Hepatitis C
- Kidney Failure
- Viremia