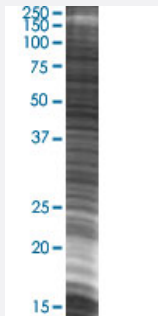


GAL3ST1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00009514-T02

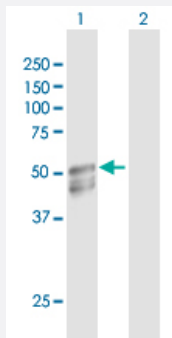
Size 100 uL

Applications



SDS-PAGE Gel

GAL3ST1 transfected lysate.



Western Blot

Lane 1: GAL3ST1 transfected lysate (48.8 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-GAL3ST1 full-length
Host	Human
Theoretical MW (kDa)	48.8
Interspecies Antigen Sequence	Mouse (84); Rat (84)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-GAL3ST1 antibody ([H00009514-D01P](#)) by Western Blots.
SDS-PAGE Gel
GAL3ST1 transfected lysate.
Western Blot
Lane 1: GAL3ST1 transfected lysate (48.8 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 — GAL3ST1

Entrez GeneID[9514](#)**GeneBank Accession#**[BC014649.1](#)**Protein Accession#**[AAH14649.1](#)**Gene Name**

GAL3ST1

Gene Alias

CST

Gene Description

galactose-3-O-sulfotransferase 1

Omim ID[602300](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Sulfonation, an important step in the metabolism of many drugs, xenobiotics, hormones, and neurotransmitters, is catalyzed by sulfotransferases. The product of this gene is galactosylceramide sulfotransferase which catalyzes the conversion between 3'-phosphoadenylylsulfate + a galactosylceramide to adenosine 3',5'-bisphosphate + galactosylceramide sulfate. Activity of this sulfotransferase is enhanced in renal cell carcinoma. [provided by RefSeq]

Other Designations

GalCer sulfotransferase|cerebroside (3'-phosphoadenylylsulfate:galactosylceramide 3') sulfotransferase

Pathway

- [Metabolic pathways](#)
- [Sphingolipid metabolism](#)