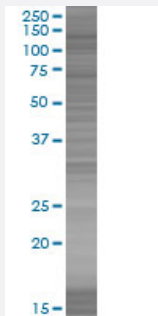


SULF1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00023213-T01

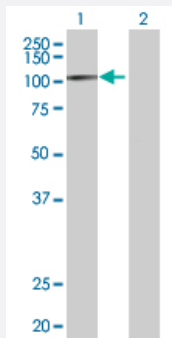
Size 100 uL

Applications



SDS-PAGE Gel

SULF1 transfected lysate.



Western Blot

Lane 1: SULF1 transfected lysate (101 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-SULF1 full-length
Host	Human
Theoretical MW (kDa)	101
Interspecies Antigen Sequence	Mouse (92); Rat (93)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-SULF1 antibody ([H00023213-B01](#)) by Western Blots.
SDS-PAGE Gel
SULF1 transfected lysate.
Western Blot
Lane 1: SULF1 transfected lysate (101 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 — SULF1

Entrez GeneID

[23213](#)

GeneBank Accession#

[NM_015170](#)

Protein Accession#

[NP_055985](#)

Gene Name

SULF1

Gene Alias

FLJ30905, FLJ38022, FLJ41750, HSULF-1, KIAA1077, SULF-1

Gene Description

sulfatase 1

Omim ID

[610012](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Heparan sulfate proteoglycans (HSPGs) act as coreceptors for numerous heparin-binding growth factors and cytokines and are involved in cell signaling. Heparan sulfate 6-O-endosulfatases, such as SULF1, selectively remove 6-O-sulfate groups from heparan sulfate. This activity modulates the effects of heparan sulfate by altering binding sites for signaling molecules (Dai et al., 2005 [PubMed 16192265]).[supplied by OMIM]

Other Designations

sulfatase FP

Disease

- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)
- [Tobacco Use Disorder](#)