

Recombinant Human SULT4A1 293 Cell Lysate

Cat. No. SULT4A1-1347HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for sulfotransferase family 4A, member 1 (SULT4A1) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

[SULT4A1 sulfotransferase family 4A, member 1 \[Homo sapiens \]](#)

Official Symbol

SULT4A1

Synonyms

SULT4A1; sulfotransferase family 4A, member 1; sulfotransferase 4A1; hBR STL 1; SULTX3; ST4A1; hBR-STL; nervous system sulfotransferase; sulfotransferase-related protein; brain sulfotransferase-like protein; nervous system cytosolic sulfotransferase; NST; BRSTL1; BR-STL-1; DJ388M5.3; hBR-STL-1; MGC40032;

Gene ID

[25830](#)

mRNA Refseq

[NM_014351](#)

Protein Refseq

[NP_055166](#)

MIM

[608359](#)

UniProt ID

[Q9BR01](#)

Chromosome Location

22q13.2

Pathway

Biological oxidations, organism-specific biosystem; Cytosolic sulfonation of small molecules, organism-specific biosystem; Metabolism, organism-specific biosystem; Phase II conjugation, organism-specific biosystem;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA