

Recombinant Human SULT1A1 293 Cell Lysate

Cat. No. SULT1A1-1356HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for sulfotransferase family, cytosolic, 1A, phenol-preferring, member 1 (SULT1A1), transcript variant 1 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.
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

 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

mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name [SULT1A1 sulfotransferase family, cytosolic, 1A, phenol-preferring, member 1 \[Homo sapiens \]](#)

Official Symbol [SULT1A1](#)

Synonyms [SULT1A1](#); [sulfotransferase family, cytosolic, 1A, phenol-preferring, member 1](#); [STP](#), [STP1](#); [sulfotransferase 1A1](#); [P PST](#); [ts-PST](#); [P-PST 1](#); [aryl sulfotransferase 1](#); [thermostable phenol sulfotransferase1](#); [phenol-sulfating phenol sulfotransferase 1](#); [PST](#); [STP](#); [STP1](#); [P-PST](#); [ST1A1](#); [ST1A3](#); [TSPST1](#); [HAST1/HAST2](#); [MGC5163](#); [MGC131921](#);

Gene ID [6817](#)

mRNA Refseq [NM_001055](#)

Protein Refseq [NP_001046](#)

MIM [171150](#)

UniProt ID [P50225](#)

Chromosome Location [16p12.1](#)

Pathway [Biological oxidations, organism-specific biosystem](#); [Cytosolic sulfonation of small molecules, organism-specific biosystem](#); [Metabolism, organism-specific biosystem](#); [Phase II conjugation, organism-specific biosystem](#); [Sulfur metabolism, organism-](#)

 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



specific biosystem; Sulfur metabolism, conserved biosystem; Vitamin A and carotenoid metabolism, 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