

Recombinant Human SDSL 293 Cell Lysate

Cat. No. SDSL-2003HCL Lot. No. (See product label)

SPECIFICATION

| | |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Species | Human |
| Source | HEK293 |
| Description | Antigen standard for serine dehydratase-like (SDSL) 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 | SDSL serine dehydratase-like [Homo sapiens] |
| Official Symbol | SDSL |
| Synonyms | SDSL; serine dehydratase-like; SDS RS1; SDH; L-serine deaminase; serine dehydratase 2; L-threonine dehydratase; serine dehydratase related sequence 1; L-serine dehydratase/L-threonine deaminase; TDH; SDH 2; SDS-RS1; |
| Gene ID | 113675 |
| mRNA Refseq | NM_138432 |
| Protein Refseq | NP_612441 |
| UniProt ID | Q96GA7 |
| Chromosome Location | 12q24.21 |
| Pathway | L-serine degradation, organism-specific biosystem; glycine betaine degradation, organism-specific biosystem; |
| Function | L-serine ammonia-lyase activity; L-threonine ammonia-lyase activity; lyase activity; molecular_function; pyridoxal phosphate binding; |

 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