

## Recombinant Human SIAH1 293 Cell Lysate

**Cat. No.** SIAH1-1851HCL    **Lot. No.** (See product label)

### SPECIFICATION

|                            |   |
|----------------------------|---|
| <b>Species</b>             | Human   |
| <b>Source</b>              | HEK293  |
| <b>Description</b>         | Antigen standard for seven in absentia homolog 1 (Drosophila) (SIAH1), transcript variant 2 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.   |
| <b>Components</b>          | 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). |
| <b>Size</b>                | 0.1 mg  |
| <b>Storage Instruction</b> | 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.   |
| <b>Applications</b>        | 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   |

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

## GENE INFORMATION

|                            |  |
|----------------------------|--|
| <b>Gene Name</b>           | SIAH1 siah E3 ubiquitin protein ligase 1 [ Homo sapiens ]  |
| <b>Official Symbol</b>     | SIAH1  |
| <b>Synonyms</b>            | SIAH1; siah E3 ubiquitin protein ligase 1; seven in absentia homolog 1 (Drosophila); E3 ubiquitin-protein ligase SIAH1; hSIAH1; siah-1a; seven in absentia homolog 1; SIAH1A; FLJ08065;  |
| <b>Gene ID</b>             | 6477   |
| <b>mRNA Refseq</b>         | NM_001006610   |
| <b>Protein Refseq</b>      | NP_001006611   |
| <b>MIM</b>                 | 602212   |
| <b>UniProt ID</b>          | Q8IUQ4   |
| <b>Chromosome Location</b> | 16q12  |
| <b>Pathway</b>             | Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Netrin-1 signaling, organism-specific biosystem; Ubiquitin mediated proteolysis, organism-specific biosystem; Ubiquitin mediated proteolysis, conserved biosystem; Wnt signaling pathway, organism-specific biosystem; Wnt signaling pathway, conserved biosystem; |

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**Function**

ligase activity; metal ion binding; protein C-terminus binding; protein binding;  
ubiquitin-protein ligase activity; ubiquitin-protein ligase activity; zinc ion binding; zinc  
ion binding;

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