

# Recombinant Human SIN3A, GST-tagged

**Cat. No.** SIN3A-2676H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                   |
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| <b>Product Overview</b> | Recombinant Human SIN3A protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                         |
| <b>Species</b>          | Human                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                            |
| <b>ProteinLength</b>    | 1-156aa                                                                                                                                                           |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

## GENE INFORMATION

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| <b>Gene Name</b>       | SIN3A SIN3 transcription regulator homolog A (yeast) [ Homo sapiens ]                                                                                                                                                                                                                                                              |
| <b>Official Symbol</b> | SIN3A                                                                                                                                                                                                                                                                                                                              |
| <b>Synonyms</b>        | SIN3A; SIN3 transcription regulator homolog A (yeast); SIN3 homolog A, transcription regulator (yeast); paired amphipathic helix protein Sin3a; DKFZP434K2235; KIAA0700; transcriptional regulator, SIN3A; transcriptional corepressor Sin3a; transcriptional co-repressor Sin3A; SIN3 homolog A, transcription regulator; histone |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

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|                            | deacetylase complex subunit Sin3a; FLJ90319; DKFZp434K2235;                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Gene ID</b>             | 25942                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>mRNA Refseq</b>         | NM_001145357                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Protein Refseq</b>      | NP_001138829                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>MIM</b>                 | 607776                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID</b>          | Q96ST3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Chromosome Location</b> | 15q22.33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Pathway</b>             | Androgen Receptor Signaling Pathway, organism-specific biosystem; C-MYB transcription factor network, organism-specific biosystem; Delta-Notch Signaling Pathway, organism-specific biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Hedgehog Signaling Pathway, organism-specific biosystem; |
| <b>Function</b>            | DNA binding; RNA polymerase II transcription corepressor activity; chromatin binding; protein binding; protein complex binding; sequence-specific DNA binding transcription factor activity; transcription corepressor activity; transcription factor binding;                                                                                                                                                                                                                                          |