

# Recombinant Full Length Human SUMO3, GST-tagged

**Cat. No.** SUMO3-3055H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SUMO3 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>    | 1-103 aa                                                                                                                                                          |
| <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

|                        |                                                                                                                                                                                                                                                                                                                                 |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | SUMO3 SMT3 suppressor of mif two 3 homolog 3 (S. cerevisiae) [ Homo sapiens ]                                                                                                                                                                                                                                                   |
| <b>Official Symbol</b> | SUMO3                                                                                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>        | SUMO3; SMT3 suppressor of mif two 3 homolog 3 (S. cerevisiae); SMT3 (suppressor of mif two 3, yeast) homolog 1 , SMT3 suppressor of mif two 3 homolog 3 (yeast) , SMT3H1; small ubiquitin-related modifier 3; SMT3A; SUMO-2; SMT3 homolog 1; ubiquitin-like protein SMT3A; ubiquitin-like protein SMT3B; SMT3 suppressor of mif |

 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

|                            |                                                                                                                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | two 3 homolog 1; Smt3B; SMT3H1; SUMO-3;                                                                                                                                                                                |
| <b>Gene ID</b>             | 6612                                                                                                                                                                                                                   |
| <b>mRNA Refseq</b>         | NM_006936                                                                                                                                                                                                              |
| <b>Protein Refseq</b>      | NP_008867                                                                                                                                                                                                              |
| <b>MIM</b>                 | 602231                                                                                                                                                                                                                 |
| <b>UniProt ID</b>          | P55854                                                                                                                                                                                                                 |
| <b>Chromosome Location</b> | 21q22.3                                                                                                                                                                                                                |
| <b>Pathway</b>             | Diurnally regulated genes with circadian orthologs, organism-specific biosystem;<br>Nuclear pore complex, organism-specific biosystem; RNA transport, organism-specific biosystem; RNA transport, conserved biosystem; |
| <b>Function</b>            | SUMO ligase activity; protein binding;                                                                                                                                                                                 |