

# Recombinant Human SAMM50, His-tagged

**Cat. No.** SAMM50-2506H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SAMM50 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.                                                            |
| <b>Species</b>          | Human                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                               |
| <b>ProteinLength</b>    | C-350aa                                                                                                                                                              |
| <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 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                      |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | SAMM50 sorting and assembly machinery component 50 homolog (S. cerevisiae) [ Homo sapiens ]                                                                                                                                          |
| <b>Official Symbol</b> | SAMM50                                                                                                                                                                                                                               |
| <b>Synonyms</b>        | SAMM50; sorting and assembly machinery component 50 homolog (S. cerevisiae); sorting and assembly machinery component 50 homolog; CGI 51; OMP85; TOB55; TRG 3; YNL026W; sorting and assembly machinery 50kDa; transformation-related |

 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

|                            |                                                                                                                 |
|----------------------------|-----------------------------------------------------------------------------------------------------------------|
|                            | gene 3 protein; SAM50; TRG-3; CGI-51; FLJ35825; FLJ42905; FLJ99036;                                             |
| <b>Gene ID</b>             | 25813                                                                                                           |
| <b>mRNA Refseq</b>         | NM_015380                                                                                                       |
| <b>Protein Refseq</b>      | NP_056195                                                                                                       |
| <b>MIM</b>                 | 612058                                                                                                          |
| <b>UniProt ID</b>          | Q9Y512                                                                                                          |
| <b>Chromosome Location</b> | 22q13.31                                                                                                        |
| <b>Pathway</b>             | Metabolism of proteins, organism-specific biosystem; Mitochondrial Protein Import, organism-specific biosystem; |
| <b>Function</b>            | protein binding;                                                                                                |