

## Recombinant Human SESN1, GST-tagged

Cat. No. SESN1-2604H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human SESN1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                         |
| Species          | Human                                                                                                                                                             |
| Source           | E.coli                                                                                                                                                            |
| ProteinLength    | 1-141aa                                                                                                                                                           |
| Storage          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| Storage Buffer   | 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

|                 |                                                                                                                            |
|-----------------|----------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | SESN1 sestrin 1 [ Homo sapiens ]                                                                                           |
| Official Symbol | SESN1                                                                                                                      |
| Synonyms        | SESN1; sestrin 1; sestrin-1; PA26; SEST1; p53 activated gene 26; p53 regulated PA26 nuclear protein; MGC138241; MGC142129; |
| Gene ID         | 27244                                                                                                                      |

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|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>mRNA Refseq</b>         | NM_001199933                                                                                                                                       |
| <b>Protein Refseq</b>      | NP_001186862                                                                                                                                       |
| <b>MIM</b>                 | 606103                                                                                                                                             |
| <b>UniProt ID</b>          | Q9Y6P5                                                                                                                                             |
| <b>Chromosome Location</b> | 6q21                                                                                                                                               |
| <b>Pathway</b>             | Direct p53 effectors, organism-specific biosystem; p53 signaling pathway, organism-specific biosystem; p53 signaling pathway, conserved biosystem; |

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