

# Active Recombinant Human SENP2 Protein, His tagged

**Cat. No.** SENP2-29695TH    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant SENP2 (360-end) was expressed in E. coli cells using an N-terminal His tag. The SENP2 gene accession number is NM_021627.                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | E. coli                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 360-589 aa                                                                                                                                                                                                                                                                     |
| <b>Description</b>      | SUMO1 (UBL1; MIM 601912) is a small ubiquitin-like protein that can be covalently conjugated to other proteins. SENP2 is one of a group of enzymes that process newly synthesized SUMO1 into the conjugatable form and catalyze the deconjugation of SUMO1-containing species. |
| <b>Storage</b>          | Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.                               |
| <b>Storage Buffer</b>   | Supplied as sterile 50 mM sodium phosphate, pH 7.5, 300mM NaCl, 50-200mM imidazole, 0-0.1mM PMSF, 0.2-1.0mM DTT, 10-25% glycerol.                                                                                                                                              |
| <b>Reference</b>        | 1. Chung, S.S. et al: Control of adipogenesis by the SUMO specific protease SENP2. Mol. Cell. Biol. 30:2135-2146, 2010. 2. Hang, J. & Dasso, M: Association of the human SUMO-1 protease SENP2 with the nuclear pore. J. Biol. Chem. 277 (22): 19961–6, 2002.                  |

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## GENE INFORMATION

**Gene Name** SENP2 SUMO specific peptidase 2 [ Homo sapiens (human) ]

**Official Symbol** SENP2

**Synonyms** SENP2; SUMO specific peptidase 2; AXAM2; SMT3IP2; sentrin-specific protease 2; SMT3-specific isopeptidase 2; SUMO1/sentrin/SMT3 specific peptidase 2; SUMO1/sentrin/SMT3 specific protease 2; sentrin (SUMO1) specific peptidase 2; sentrin/SUMO-specific protease SENP2; EC 3.4.22.68

**Gene ID** 59343

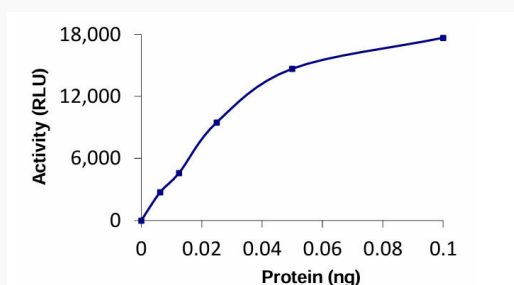
**mRNA Refseq** NM\_021627

**Protein Refseq** NP\_067640

**MIM** 608261

**UniProt ID** Q9HC62

**Specific Activity**

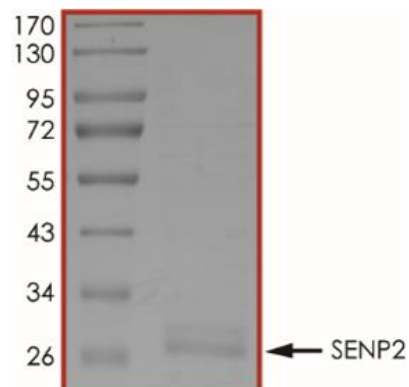


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Purity



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