

Active Recombinant Human SENP2 protein, His-tagged

Cat. No. SENP2-152H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SENP2 fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	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.
Form	50 mM HEPES, pH 7.5, 150 mM NaCl, 10% glycerol
Bio-activity	≥10 ⁵ Units/mg
Molecular Mass	28 kDa
Purity	≥95% by SDS-PAGE and RP-HPLC
Unit Definition	1 Unit of SUMO Protease 2 cleaves >90% of 100 g SUMO Protease 2 Control Protein in 1 hour (37 centigrade)
Applications	Useful for removal of SUMO-tags from recombinant SUMO fusion proteins

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Storage Store at or below –80 centigrade. Stable as supplied for up to 1 year when stored desiccated at –80 centigrade. Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name [SENP2 SUMO1/sentrin/SMT3 specific peptidase 2 \[Homo sapiens \]](#)

Official Symbol [SENP2](#)

Synonyms [SENP2](#); [SUMO1/sentrin/SMT3 specific peptidase 2](#); [SUMO1/sentrin/SMT3 specific protease 2](#); [sentrin-specific protease 2](#); [AXAM2](#); [DKFZp762A2316](#); [KIAA1331](#); [SMT3IP2](#); [SMT3-specific isopeptidase 2](#); [sentrin/SUMO-specific protease SENP2](#);

Gene ID [59343](#)

mRNA Refseq [NM_021627](#)

Protein Refseq [NP_067640](#)

MIM [608261](#)

UniProt ID [Q9HC62](#)

Chromosome Location 3q28

Pathway [Nuclear pore complex, organism-specific biosystem](#); [RNA transport, organism-specific biosystem](#); [RNA transport, conserved biosystem](#); [Wnt Signaling Pathway NetPath, organism-specific biosystem](#); [Wnt signaling pathway, organism-specific biosystem](#); [Wnt signaling pathway, conserved biosystem](#);

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Function

SUMO-specific protease activity; cysteine-type peptidase activity; peptidase activity; protein binding; protein domain specific binding;

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