

Active Recombinant Human SENP8 Protein, His-tagged

Cat. No. SENP8-829H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SENP8 (Accession # NP_660205), fused with a 6-His tag, was produced in E. coli.
Species	Human
Source	E.coli
Form	X mg/ml (X μ M) in 50 mM HEPES pH 7.5, 100 mM NaCl, 10% Glycerol (v/v), 2 mM TCEP
Bio-activity	Recombinant Human His6-NEDP1/SENP8 is a NEDD8-specific deconjugating enzyme. Reaction conditions will need to be optimized for each specific application. We recommend an initial Recombinant Human His6-NEDP1/SENP8 concentration of 50-500 nM. A 15 minute pre-incubation with 10 mM DTT is recommended to achieve maximum activity.
Molecular Mass	Recombinant Human SENP8, His-tagged has a calculated MW of 27 kDa.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name [SENP8 SUMO/sentrin specific peptidase family member 8 \[Homo sapiens \]](#)

Official Symbol [SENP8](#)

Synonyms [SENP8](#); [SUMO/sentrin specific peptidase family member 8](#); [protease, cysteine, 2 \(NEDD8 specific\)](#) , [PRSC2](#), [SUMO/sentrin specific protease family member 8](#); [sentrin-specific protease 8](#); [DEN1](#); [deneddylase 1](#); [HsT17512](#); [NEDD8 specific protease 1](#); [NEDP1](#); [sentrin/SUMO specific protease SENP8](#); [deneddylase-1](#); [protease, cysteine 2](#); [NEDD8-specific protease 1](#); [NEDD8 specific-protease cysteine 2](#); [SUMO sentrin specific protease family member 8](#); [PRSC2](#);

Gene ID [123228](#)

mRNA Refseq [NM_001166340](#)

Protein Refseq [NP_001159812](#)

MIM [608659](#)

UniProt ID [Q96LD8](#)

Chromosome Location [15q22.33](#)

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