

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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