

SENP8 Protein, Human (His)

Cat. No.:	HY-P71290
Synonyms:	Sentrin-Specific Protease 8; Deneddylase-1; NEDD8-Specific Protease 1; Protease Cysteine 2; Sentrin/SUMO-Specific Protease SENP8; SENP8; DEN1; NEDP1; PRSC2
Species:	Human
Source:	E. coli
Accession:	Q96LD8 (M1-K212)
Gene ID:	123228
Molecular Weight:	Approximately 22.0 kDa

PROPERTIES

AA Sequence	<pre> MDP V V L S Y M D S L L R Q S D V S L L D P P S W L N D H I I G F A F E Y F A N S Q F H D C S D H V S F I S P E V T Q F I K C T S N P A E I A M F L E P L D L P N K R V V F L A I N D N S N Q A A G G T H W S L L V Y L Q D K N S F F H Y D S H S R S N S V H A K Q V A E K L E A F L G R K G D K L A F V E E K A P A Q Q N S Y D C G M Y V I C N T E A L C Q N F F R Q Q T E S L L Q L L T P A Y I T K K R G E W K D L I T T L A K K </pre>
Appearance	Solution.
Formulation	Supplied as a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	SENP8 protein serves as a pivotal protease in the NEDD8 pathway, playing a dual role by catalyzing the processing of full-length NEDD8 into its mature form and facilitating the deconjugation of NEDD8 from specific target proteins, including cullins and p53. This dual functionality underscores SENP8's crucial involvement in regulating NEDD8 modification, a process that has profound implications for various cellular pathways and functions.
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Caution: Product has not been fully validated for medical applications. For research use only.

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