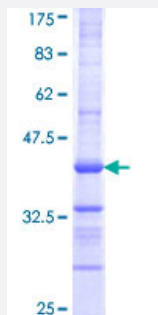


# SENP8 (Human) Recombinant Protein (Q01)

Catalog # H00123228-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human SENP8 partial ORF ( NP_660205, 113 a.a. - 212 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	NSFFHYDSHSRSNSVHAKQVAEKLEAFLGRKGDKLAFVEEKAPAQQNSYDCGMVICNTEALCQ NFFRQQTESLLQLLTPAYITKKRGEWKDLIATLAKK
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	36.74
<b>Interspecies Antigen Sequence</b>	Mouse (92); Rat (92)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — SENP8

Entrez GeneID [123228](#)

GeneBank Accession# [NM\\_145204](#)

Protein Accession# [NP\\_660205](#)

Gene Name SENP8

Gene Alias DEN1, HsT17512, NEDP1, PRSC2

Gene Description SUMO/sentrin specific peptidase family member 8

Omim ID [608659](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** NEDD8 (MIM 603171) is a ubiquitin-like protein that becomes conjugated to the cullin (see CUL1; MIM 603134) subunit of several ubiquitin ligases. This conjugation, called neddylation, is required for optimal ubiquitin ligase activity. NEDD8-specific deneddylases, such as NEDP1, or DEN1, are required to process the NEDD8 propeptide at a C-terminal diglycine motif and to remove NEDD8 from cullins (Gan-Erdene et al., 2003 [PubMed 12759363]).[supplied by OMIM]

**Other Designations** NEDD8-specific protease 1|SUMO/sentrin specific protease family member 8|deneddylase 1|protease, cysteine, 2 (NEDD8 specific)|sentrin/SUMO-specific protease SENP8