



# Recombinant Protein Technical Manual

## Recombinant Human SENP8 Protein (His Tag)

RPES4446

### Product Data:

**Product SKU:** RPES4446

**Size:** 10µg

**Species:** Human

**Expression host:** E. coli

**Uniprot:** Q96LD8

### Protein Information:

**Molecular Mass:** 26.2 kDa

**AP Molecular Mass:** 22 kDa

**Tag:** N-6His

**Bio-activity:**

**Purity:** > 95 % as determined by reducing SDS-PAGE.

**Endotoxin:** < 1.0 EU per µg as determined by the LAL method.

**Storage:** Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

**Shipping:** This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.

**Formulation:** Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

**Reconstitution:** Please refer to the printed manual for detailed information.

**Application:**

**Synonyms:** Sentrin-Specific Protease 8; Deneddylase; NEDD8-Specific Protease 1; Protease Cysteine 2; Sentrin/SUMO-Specific Protease SENP8; SENP8; DEN1; NEDP1; PRSC2

## Immunogen Information:

**Sequence:** Met 1-Lys212

## Background:

Sentrin-Specific Protease 8 (SEN8) mediates the reversible covalent modification of proteins by NEDD8. SEN8 catalyzes the full-length NEDD8 to generate its mature form and deconjugation of NEDD8 from targeted proteins such as CUL2 , CUL4A in vivo, or p53. but it does not show activity against ubiquitin or SUMO proteins.