

**SENP8, 1-212aa, Human, His tag, E.coli**

**Cat.NO.: TP03884**

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3th Edition

**Synonyms:**SUMO/sentrin specific peptidase family member 8, DEN1, NEDP1, PRSC2

**Description:**SENP8 is a cysteine protease that is a member of the sentrin-specific protease family. This protein is involved in processing and deconjugation of the ubiquitin-like protein termed, neural precursor cell expressed developmentally downregulated 8(NEDD8). Recombinant human SENP8 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 1mM DTT, 0.1M NaCl.

**Molecular Weight:**26.3 kDa (232aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMDPVVLSYMDSLLRQSDVSLDPPSWLNDHIIGFAYEFANSQFHDCSDHVSFIS  
PEVTQFIKCTSNPAEIAMFLEPLDLPNKRVVFLAINDNSNQAAGGTHWSLLVYLQDKNSFFHYDSHSRSNSVHAKQ  
VAEKLEAFLGRKGDKLAFVEEKAPAQQNSYDCGMVICNTEALCQNFFRQQTESLLQLLTPAYITKKRGEWKDLITT  
LAKK

**Purity:**> 95% by HPLC

**Concentration:**1.0 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.