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### Recombinant human NEDP1/SENP8 protein

Catalog Number: ATGP1112

#### **PRODUCT INFORMATION**

#### **Expression system**

E.coli

#### **Domain**

1-212aa

#### UniProt No.

096LD8

#### **NCBI Accession No.**

NP 001159812

#### **Alternative Names**

SuMO/sentrin specific peptidase family member 8, DEN1, NEDP1, PRSC2

#### PRODUCT SPECIFICATION

#### **Molecular Weight**

26.2 kDa (232aa) confirmed by MALDI-TOF

#### Concentration

1mg/ml (determined by Bradford assay)

#### **Formulation**

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

#### **Purity**

> 95% by SDS-PAGE

#### Tag

His-Tag

#### **Application**

SDS-PAGE

#### **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

#### **BACKGROUND**

#### **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.

#### **Amino acid Sequence**

<MGSSHHHHHH SSGLVPRGSH> MDPVVLSYMD SLLRQSDVSL LDPPSWLNDH IIGFAFEYFA NSQFHDCSDH



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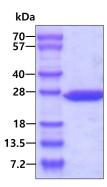
VSFISPEVTQ FIKCTSNPAE IAMFLEPLDL PNKRVVFLAI NDNSNQAAGG THWSLLVYLQ DKNSFFHYDS HSRSNSVHAK QVAEKLEAFL GRKGDKLAFV EEKAPAQQNS YDCGMYVICN TEALCQNFFR QQTESLLQLL TPAYITKKRG EWKDLITTLA KK

#### **General References**

Reverter D., et al. (2004) Atructure. 12(8):1519-31. Shen LN., et al. (2005) EMBO J. 24(7):1341-51.

#### **DATA**

#### **SDS-PAGE**



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

