

## SENP8 Human

**Description:** SENP8 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 232 amino acids (1-212) and having a molecular mass of 26.3 kDa. The SENP8 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Catalog #: ENPS-153

For research use only.

**Synonyms:** SUMO/sentrin specific peptidase family member 8, DEN1, NEDP1, Protease cysteine 2 (NEDD8 specific), PRSC2, NEDD8-specific protease 1, HsT17512, Deneddylase-1, NEDD8 specific-protease cysteine 2, Sentrin/SUMO-specific protease SENP8.

**Source:** Escherichia Coli.

**Physical Appearance:** SENP8 is supplied as a sterile filtered clear solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MDPVLSYMD SLLRQSDVSL  
LDPPSWLNDH IIGFAFEYFA NSQFHDCSDH VSFISPEVTQ FIKCTSNPAE IAMFLEPLDL  
PNKRVVFLAI NDNSNQAAGG THWSLLVYLQ DKNSFFHYDS HRSNSVHAK QVAEKLEAFL  
GRKGDKLAFV EEKAPAQQNS YDCGMYVICN TEALCQNFFR QQTESLLQLL TPAYITKKRG  
EWKDLITTLA KK

**Purity:** Greater than 95.0% as determined by SDS-PAGE.

**Formulation:**

SENP8 protein 1mg/ml is supplied in 20mM Tris-HCL, pH-8, 0.1M NaCl, 1mM DTT and 10% Glycerol.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

SENP8 is a cysteine protease which belongs to the sentrin-specific protease family. SENP8 takes part in processing and deconjugation of the ubiquitin-like protein labeled, neural precursor cell expressed developmentally downregulated 8 (NEDD8).

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