

Recombinant Human SENP8, His-tagged

Cat. No. SENP8-70H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human SENP8 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques (1-212 aa).
Species	Human
Source	E.coli
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).
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
Purity	> 95 % by SDS - PAGE
Concentration	1 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MDPVLSYMD SLLRQSDVSL LDPPSWLNDH IIGFAFEYFA NSQFHDCSDH VSFISPEVTQ FIKCTSNPAE IAMFLEPLDL PNKRVVFLAI NDNSNQAAGG THWSLLVYLQ DKNSFFHYDS HSRSNSVHAK QVAEKLEAFL GRKGDKLAFV EEKAPAAQNS YDCGMYVICN TEALCQNFFR

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QQTESLLQLL TPAYITKKRG EWKDLITTLA KK

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.

GENE INFORMATION

Gene Name

SEN8 SUMO/sentrin specific peptidase family member 8 [Homo sapiens]

Official Symbol

SEN8

Synonyms

SEN8; DEN1; NEDP1; PRSC2; SUMO/sentrin specific peptidase family member 8; sentrin-specific protease 8; deneddylase 1; deneddylase-1; OTTHUMP00000164640; protease, cysteine 2; NEDD8-specific protease 1; NEDD8 specific-protease cysteine 2; SUMO sentrin specific protease family member 8; protease, cysteine, 2 (NEDD8 specific); SUMO/sentrin specific protease family member 8; sentrin/SUMO-specific protease SEN8; Protease, cysteine 2; HsT175121; Deneddylase-1; Sentrin/SUMO-specific protease SEN83; EC 3.4.22

Gene ID

123228

mRNA Refseq

NM_001166340

Protein Refseq

NP_001159812

MIM

608659

UniProt ID

Q96LD8

Chromosome Location

15q23

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Function

cysteine-type peptidase activity; peptidase activity; protein binding

PDBrendering based
on 1xt9.



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