

SENP8 Protein, Human, Recombinant (His)

General Information

Synonyms:	DEN1;Protease Cysteine 2;NEDP1;Sentrin-Specific Protease 8;Deneddylase-1;PRSC2;SENP8; NEDD8-Specific Protease 1;Sentrin/SUMO-Specific Protease SENP8
Protein Construction:	Met1-Lys212
Species:	Human
Expression Host:	E. coli
Accession:	Q96LD8
Molecular Weight:	22 KDa (reducing condition)
AA Sequence:	Met1-Lys212

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Supplied as a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Preparation and Storage

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

Proteins are shipped with blue ice.

Protein Background

Sentrin-Specific Protease 8 (SENP8) mediates the reversible covalent modification of proteins by NEDD8. SENP8 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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